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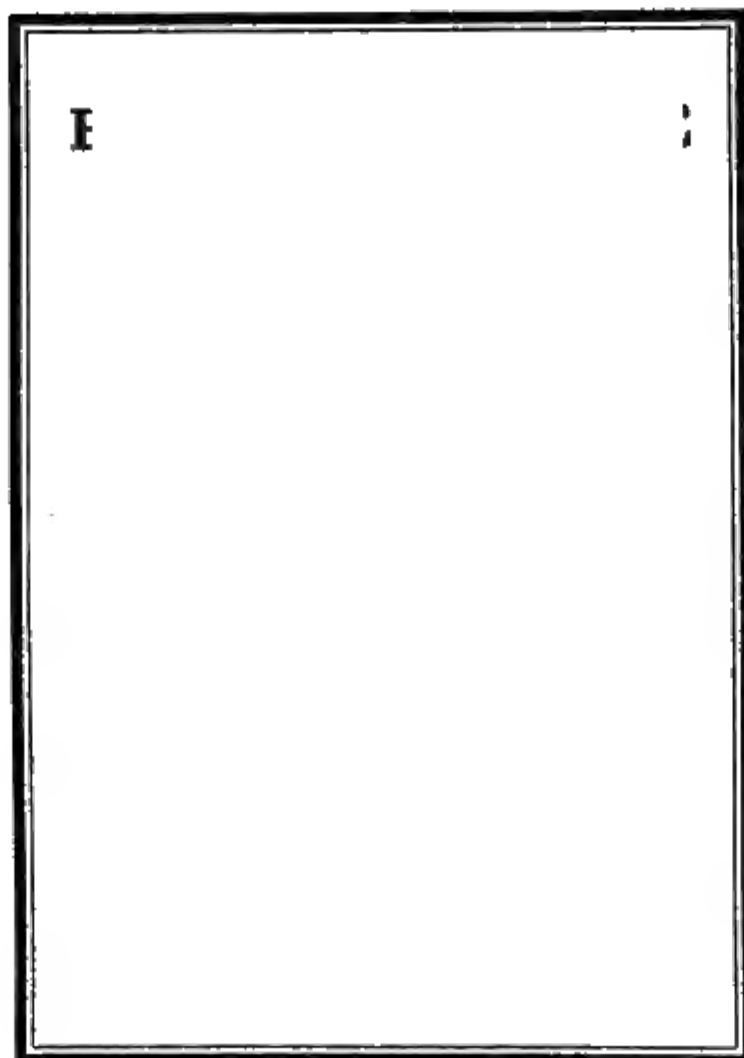
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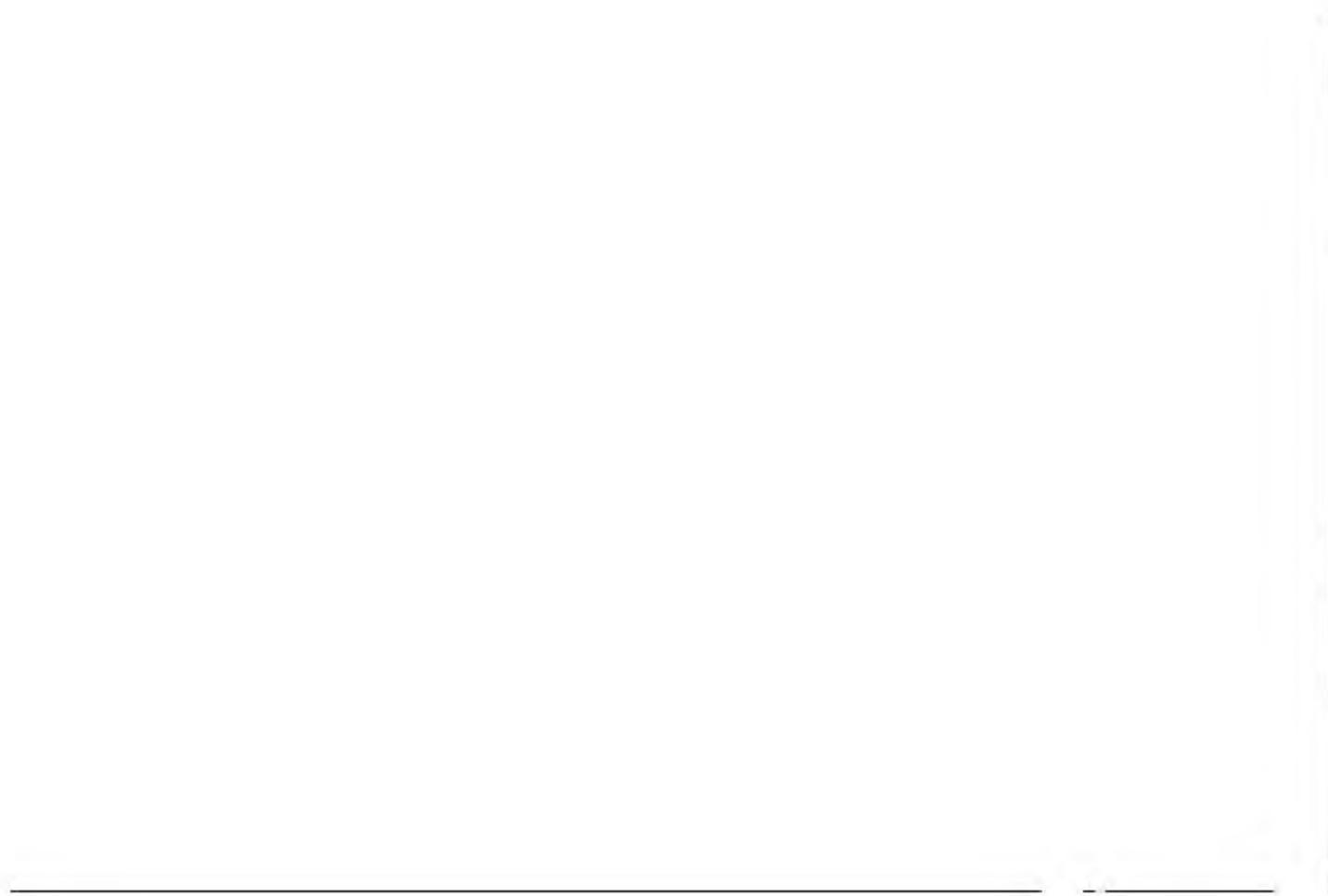
# **REPORT**

OF THE

# **RAILROAD COMMISSION OF CALIFORNIA**

**FROM JULY 1 1920 TO JUNE 30, 1921**

**CALIFORNIA STATE PRINTING OFFICE  
SACRAMENTO, 1922**



# **REPORT**

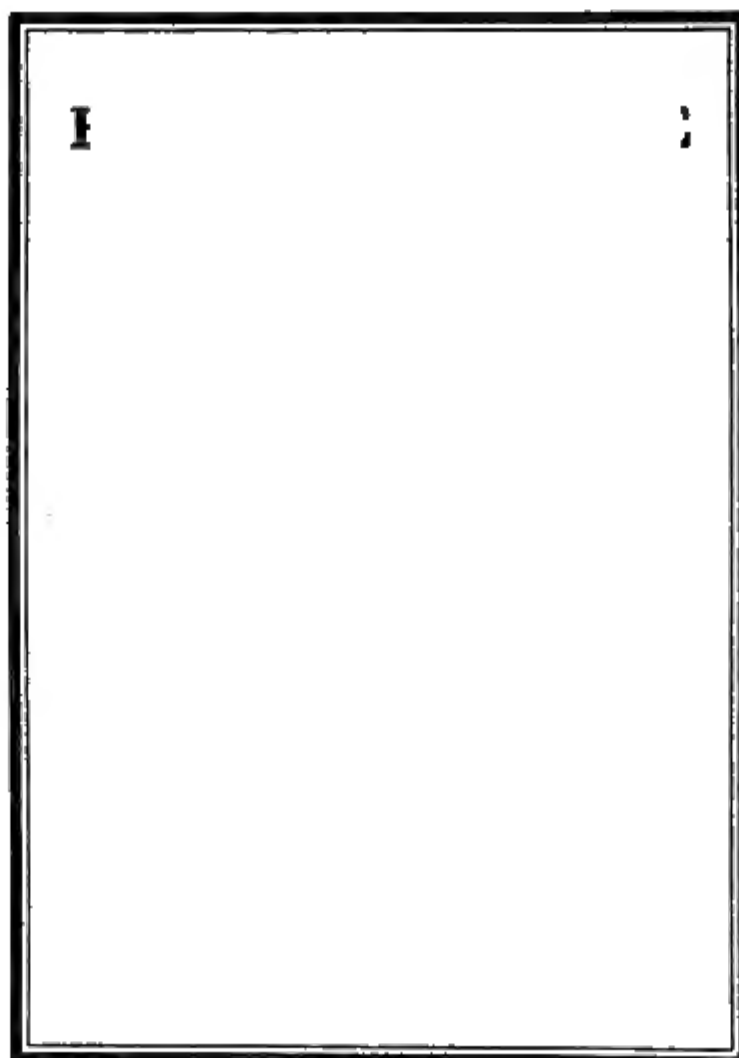
OF THE

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## LETTER OF TRANSMITTAL.

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SAN FRANCISCO, CALIFORNIA,

November 25, 1921.

*To His Excellency, WM. D. STEPHENS,*

*Governor of California,*

*Sacramento, California.*

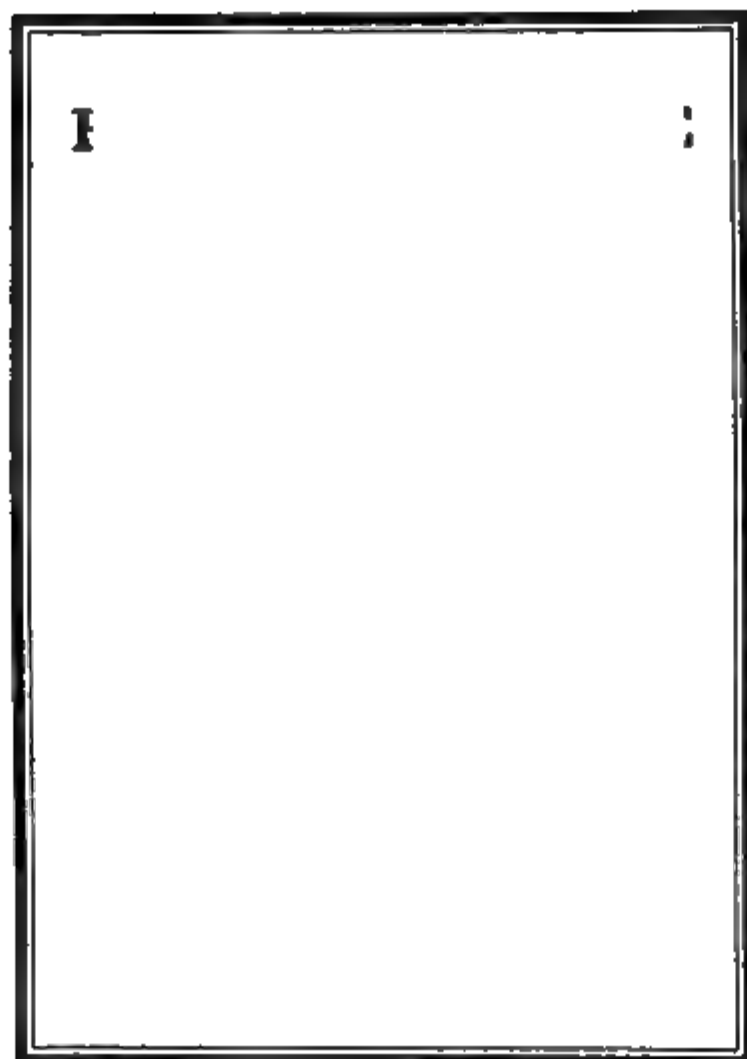
Herewith is transmitted the report of the Railroad Commission of the State of California for the period beginning July 1, 1920, and ending June 30, 1921.

The year covered in this report marked both the peak and the beginning of the decline in the cost of public utility service. Alike in the period of ascending and descending prices, the Commission has adhered to its consistent and time-tried policy of fairness to the consumer, the utility and the investor, with primary regard to the welfare and development of the state as a whole. While in the past year increases in certain service rates have been granted, particularly in the case of water companies, which were put to additional expense of pumping through the lowering of the water levels by the drought, the advance in utility rates has been relatively small compared with that of commodity prices generally. In this connection it is interesting to contrast utility advances with commodity prices.

As nearly as can be determined, the average increase in public utility rates was between 35 and 40 per cent. Figures compiled by the United States Labor Bureau show that retail prices at the beginning of 1921 were 172 as compared with the base of 100 in 1913. Assuming no regulation of public utility rates had been in effect and that public utilities had increased their rates exactly on a parity with the increase in other commodity prices, they would have collected from the consumers \$495,500,000 instead of \$388,900,000 actually received from or allocated to California business. Through regulation by the Commission, it may be said there was saved to the people of California a sum somewhere between \$88,700,000 and \$106,600,000 a year. Stated in other terms this indicates a saving of an amount between \$25 and \$30 a year for every man, woman and child in California. This contrast between regulated and unregulated business is illuminating and of itself would be sufficient justification, if justification were any longer needed, for the enlightened policy of state regulation—a field of governmental activity in which California has attained eminence both in leadership and service.

While it is recognized that a long period of advancing prices, such as prevailed during the World War and the reconstruction period, puts public regulation to the severest test it is no small degree of satisfaction to the members of the Commission to realize that the basic principles of the science, consistently carried out from the first, proved as sound and just in stress as in more normal times.

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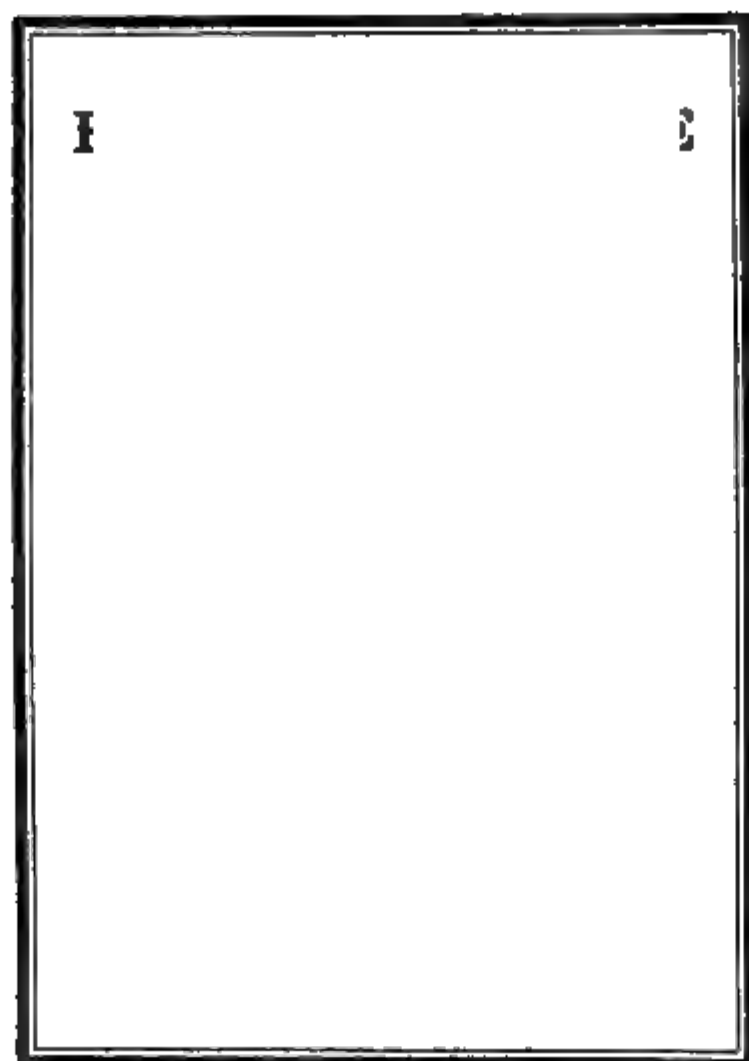
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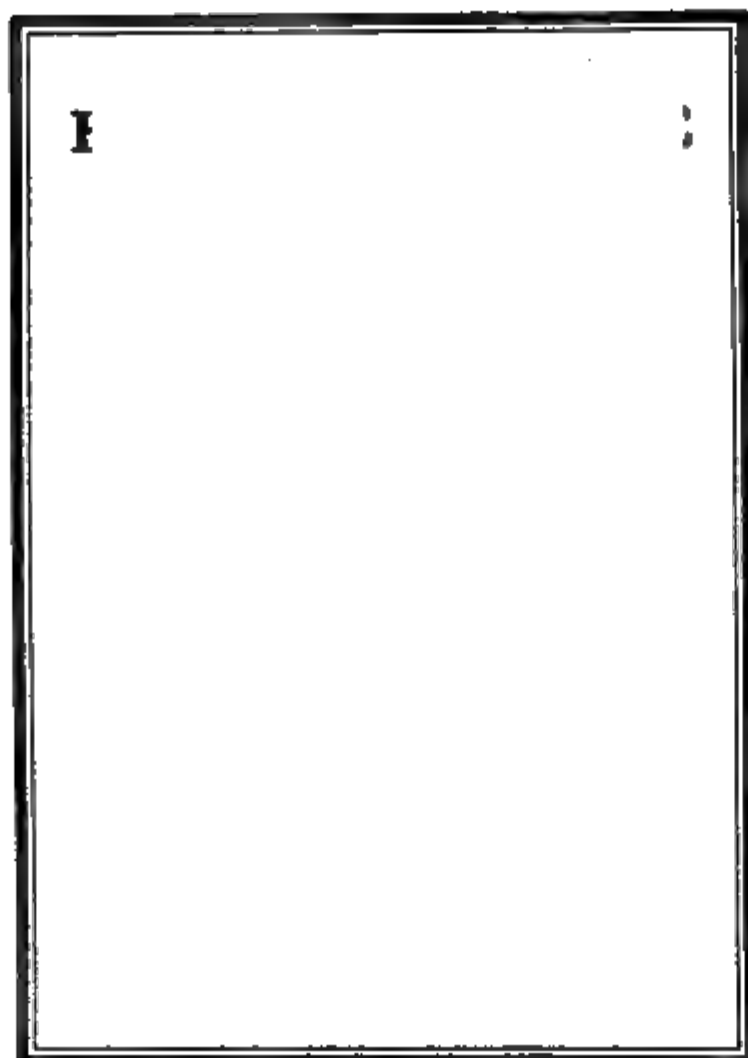




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### **GAS SUPERVISION AND INSPECTION.**

The comprehensive program of supervision and inspection of gas service inaugurated last year has continued throughout the present year. Inspections made of all gas utility operations have resulted in uniform improvement, accruing to the benefit alike of consumers and utilities. The Joint Committee on Economy and Efficiency of Gas, organized in the spring of 1920, actively continued its work throughout the period covered by this report. The use of natural and artificial gas, known as "mixed gas" in southern California has been the subject of continued investigation and regulation by the Commission. During the winter of 1920-21 an engineer of the Gas Division of the Commission supervised the distribution of natural gas among the utilities, thereby averting a serious shortage. While a materially increased supply of natural gas is now being received from the Midway fields through enlarged transmission lines, it will be necessary again to supervise distribution this winter on account of the greatly augmented demand. The quality of the mixed gas has been standardized at 750 B.T.U.

### **AUTOMOTIVE TRANSPORTATION.**

Development of automotive transportation, for both passengers and merchandise, was rapid and extensive in the last year. The Commission to meet the demands upon its time and personnel resulting from this growth, found it necessary to establish a department for handling automobile matters exclusively. The result has been a more expeditious dispatch of problems affecting the state's newest utility. Operation of auto transportation lines, according to the Commission's viewpoint, has become a definite and permanent industry, which must be met with intelligent efforts toward control in the interest of the public.

The legal authority to operate is obtained from the Commission only upon a showing that "public convenience and necessity" require auto transportation either in a field not served or in territory inadequately served by existing carriers. Unquestionably the auto stage and truck are rendering a real service, in many instances developing new territory and in other cases giving a new type of service. Certificates to operate cover practically every part of the state. Joint tariffs have been established by auto passenger carriers and rates in many instances are lower than rail rates. Where the cheaper fare is not the appeal, service attractions, such as unlimited stops and pick-up and delivery of merchandise prove appealing to the patron.

While it is true that in some cases the auto has brought about curtailment of rail service, the fact remains that the choice, in the final analysis, rests with the public. In many fields, due to traffic limitation, both can not survive. The publicly operated bus, however, is not the sole factor in the competition between highway and rail. Privately owned cars to a large extent carry former patrons of the rail lines. Privately owned trucks likewise carry much of the freight that has been diverted from the rails.

Due consideration is given all these factors by the Commission, with the idea of creating a service that will give to the public full benefit with a minimum of inconvenience and that will disturb as little as possible established forms of transportation.

During the coming year there will be placed in use a uniform system of accounting for auto carriers, earning annual gross operating revenues of more than \$20,000. This will be of benefit both to the Commission in the exercise of its regulatory functions and to the carriers in giving them a better knowledge of their own operations. The business has outgrown the haphazard stage and can only become a permanent and stabilized industry by adopting scientific methods of accounting and sound operating principles applying to transportation.

#### WORK OF POWER ADMINISTRATION.

The office of power administrator, established June 22, 1918, as an imperative war measure, was abolished by the Commission at the end of the year under review. The power administrator accomplished so much in the elimination of waste attending competition and so effectively coordinated the production and distribution of electric energy, that the Commission recommended to the power companies that they should arrange to carry on this work for their mutual advantage. This, we understand, they are doing, through Mr. H. G. Butler, who was power administrator under the Commission. Thus while the position of power administrator had its origin in the exigency of war, it is one of the war activities found to have permanent value and an established place in peace time. During the three years of operation the power administrator controlled the interchange of power, through interconnection of companies operating from a point in Oregon fifty miles north of the California line, to Mexico, a distance of 900 miles. Thus were tied together 119 plants, steam and hydro, owned by fifteen companies and two cities—San Francisco and Los Angeles. These plants, operated in effect as one super-plant, generated in 1920, 3,600,000,000 kilowatt-hours. In this manner, there was accomplished in California, three years ago, under the direction of the Commission what the power companies and public officials, state and federal, are trying to do with power plants along the Atlantic seaboard. The achievement in California has attracted world-wide attention. Inquiries about the work were received from Great Britain, while engineers from Holland, Switzerland and Japan and from many Eastern states personally investigated the methods followed.

For the yearly period covered by this report the most notable work of the power administration, assisted by engineers from the hydraulic department, was the assistance rendered the rice growers of the Sacramento Valley. Forecasting the inevitable power shortage, the growers were urged to diminish their 1920 rice acreage, to conserve water wherever possible and to install equipment to develop power independent of the commercial supply. While the planting exceeded that of the previous year, it was much less than originally had been contemplated, and the crop was successfully harvested. In appreciation of this work the Glenn County Rice Growers' Association in resolutions thanked the power administration, saying the steps taken had saved one-fifth of the rice crop of the state, or three-quarters of a million sacks. Farmers of the Tracy section passed similar resolutions in appreciation of the action of the power administrator in making power available for the extensive West Side Irrigation District.

**INFORMAL COMPLAINTS.**

The Informal Complaint Department establishes intimate contact between the Commission and the great consuming public and for that reason it is one of the most valuable adjuncts of effective regulation. It is a matter of daily adjustment and the extent of the work and the importance of the results are hardly realized until the year's total figures make a most impressive showing. This year the number of informal complaints nearly doubled, the figures being 4888 as against 2663 for the preceding year. A very large proportion was due to inability to secure service. This was particularly true in southern California in the case of telephone installation. The demands made upon the companies were beyond anything they had prepared to cope with. The situation in part resulted from the difficulty in obtaining material. While every division of the Commission deals with the subject, informal complaints naturally are most numerous in reference to these services that are virtually universal—such as gas, electricity and water. While the largest number of complaints are recorded against the larger companies, nevertheless upon a percentage basis the bigger concerns make the best showing for efficiency. Since the date of the establishment of the informal complaint department 24,345 such complaints have been received and adjusted.

An analysis of all the informal complaints reveals the interesting fact that people are more insistent upon proper service than anything else. Service complaints head the list and if complaints founded on lack of extensions are included under service, a not unnatural classification, the great majority of all complaints are included under this head.

**DISPUTED BILLS.**

A service related to the informal complaint is that undertaken by the Commission in the adjustment of disputed bills. A consumer questioning a bill rendered by a utility may prevent discontinuance of service by depositing with the Commission the amount involved. During the year 330 deposits were made, involving \$31,115.74.

Both the informal complaint and the disputed bill departments are made as simple as possible as to procedure, the consumer dealing directly with a representative of the Commission. In addition to the actual adjustments made, the service performs an important public function in disseminating rules and practices relating to utility service, as formulated by the Commission.

This report is in one volume of two parts. Part One is devoted to a description of the work of the Commission from a statistical and departmental standpoint. Part Two contains tables compiled from the annual reports of utilities filed with the Commission, in accordance with the Public Utilities Act and the rules of the Commission.

Respectfully submitted.

HARLEY W. BRUNDIGE.

H. D. LOVELAND.

IRVING MARTIN.

CHESTER H. ROWELL.

H. STANLEY BENEDICT.

*Commissioners.*



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## PART ONE.

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# THE BUSINESS OF THE YEAR.

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## CHAPTER I.

REGULATION OF PUBLIC UTILITIES—REVIEW OF  
THE HISTORY OF REGULATION AND THE  
METHODS ADOPTED BY THE COMMISSION.

By HARLEY W. BRUNDIGE, President of the Commission.

During the life of men now in middle age there have grown up great corporations, providing certain essential services, upon which depend in very large degree, industry, production, and the prosperity and well being of all the people.

The furnishing of transportation, of communication, of light, heat, power and water have become essential and basic industries. In their absence all industry and all business must cease. When facilities furnished are inadequate, exactly in proportion to such inadequacy does industry and business halt or stagnate.

In the early stages of the development of these utility enterprises there was much that was objectionable. Up until within very recent years the supplying of these essential public services was regarded by the public as speculative enterprises in which too often promoters sought to acquire sudden and unearned wealth, with little or no thought as to the value or quality of the service rendered. "Wild-catting" was of as frequent occurrence in public utility promotions as in mining or in oil development. Stocks and bonds in such enterprises were issued in those early days to be passed out to the public with little or no regard to the security that was back of them. The public service corporations today have a bad inheritance, due to the abuses existing in the days before regulation, when many of the public service corporations were heavily overcapitalized, when watered stocks were made the basis of speculation by gamblers in such securities, and when the public was being exploited in rates to pay dividends upon securities of doubtful value.

In those early days the public had no supervision at all, either over rates or over the quality of the service rendered by the corporations supplying these essential services. In those unhappy days the rule of rate-making was "all the traffic will bear" and the rate-making power, vested as it was in the public utility corporations, was made an instrument to burden and to oppress the people.

Particularly was this true of the railroads exercising the rate-making power to favor or oppress not only individuals, but whole communities. Certain shippers were favored in rates over their business competitors in the same line, rebates were granted to the favored few, and those who incurred the wrath and displeasure of the railroad were denied privileges and facilities to which they were by right entitled.

In those early days the individual who asserted that the business of the railroad company, or of any other public service utility, differed in any manner from the business of the retail merchant or of the farmer in selling his own products, was regarded as a radical, dangerous to the state and to society.

When in 1879 it was provided in the new constitution that the Railroad Commission be created and given jurisdiction over the rates

of railroad companies, and charged with the specific duty of seeing that passenger and freight rates were nondiscriminatory as between individuals and communities, there was a great outcry that the state was interfering with private business over which it had no concern. So lethargic was public sentiment, so complete was the political control of the railroads, that it was not until 1911 that the legislature of the State of California adopted proper legislation to give force and effect to the constitutional provisions adopted by the people in 1879. The legislature at the following session also extended the jurisdiction of the Railroad Commission so as to give it certain powers over rates and services of utilities other than railroads, and from time to time this act has been amended and enlarged.

#### EARLY EFFORTS AT REGULATION.

In so far as the regulation of rates of utilities other than railroads is concerned, in the early days, prior to the enactment of the Public Utility Act, the public had no means of securing even approximately fair rates save through provisions inserted in the franchises of such companies. Inasmuch as these franchises—those which were not constitutional franchises—were for a definite term, usually forty years, it readily can be seen that a rate fixed by franchise, even though just and equitable at the time made, under changing conditions necessarily would become unjust and inequitable. The public rights could not be protected by contract rates imposed and specified in franchises.

Growing out of the failure of franchise rates to protect the public interest, the next step was to deprive the utility company of the power to make rates and to lodge that power in municipalities and in county boards of supervisors.

While this was a step in the right direction, the experience of most cities soon demonstrated that this plan was unworkable. The cities, save the largest, had no means whatever of determining what should be just and equitable rates to be charged for such services. It was impossible for them even to attempt to provide such means. Even the largest cities, such as San Francisco and Los Angeles, found the cost of creating the necessary organization intelligently to ascertain the facts and determine upon fair and equitable rates to be entirely too great to be borne by the communities.

This plan also provided the incentive for the utilities to combine their money and their forces for political ends and to attempt to control municipal elections so that men favorable to their interests would be placed upon local boards, having in their power the determination of the rates to be charged by such utilities.

Those persons who are familiar with the political history of California know only too well the extent to which the utility corporations succeeded in controlling municipal affairs in our larger and many of our smaller cities, during the period of municipal control of utility rates. The corporations were well organized and well financed. They knew exactly what they wanted and were fully informed as to the best means of attaining their ends. The people were unorganized, they had no funds, they had little or no opportunity of presenting their case. They had no means of collecting sufficient data upon which to base even

an intelligent public opinion. The contest was a most unequal one. Everywhere the people were largely at the mercy of the corporations.

Municipal regulation of public utility rates and service, like the attempt to fix rates in franchises, proved a failure.

Under the constitutional amendment adopted in 1911, it was provided that cities upon their own initiative might transfer to the Railroad Commission the jurisdiction previously exercised by them in fixing rates. Under this provision a number of California cities transferred this power to the Railroad Commission. In 1914 the constitution again was amended, placing the rate-making power in the hands of the Commission, where it since has been lodged.

#### PURPOSE OF RAILROAD COMMISSION.

In the minds of many good citizens and intelligent men and women there is some confusion as to the purpose for which the Railroad Commission was created, the spirit of the law under which it acts, and the methods adopted by it in arriving at its conclusions. One of the mistaken ideas which seem to be quite prevalent is the conception that the Railroad Commission sits in an exclusively judicial capacity, passing upon the weight of evidence introduced upon the one hand by shrewd attorneys and capable experts employed by the utilities, and on the other by city attorneys and sometimes attorneys employed by consumers.

The Railroad Commission does not merely sit and weigh the mass of evidence on the one side and contrast it with what may be in some instances a pitiful lack of evidence on the other. Instead of so doing, it makes its own investigation by its own experts and technicians, who have access to every document and to every bit of information, and who present elaborate reports covering every phase and essential detail of the business. In addition to making such investigation the Commission also gives consideration to any facts brought forward either by attorneys for the municipality or by consumers or by their attorneys.

The conception which the Commission has of its duty is not that merely of a judge, sifting and weighing evidence presented, in which evidence it has no concern, but it holds that the Railroad Commission was created by the people of the State of California to be their champion and their protector. It is the duty of the Commission to see to it that that ratepayers are given service at a fair price and that a public utility company may not be permitted to charge more than is fair.

To carry out this principle the Commission has surrounded itself with a staff of trained experts, whose business it is to inquire into every detail and item of the companies' business, and to advise the Commission as to the exact status of such business. This advice is contained in reports which are submitted in open hearings, and the experts are subject to cross-examination by the representatives of the utilities, by the representatives of municipalities and by the consumers. After securing this information in behalf of the consumers of utilities, the Commission subjects it to the most rigid scrutiny by all parties concerned, establishes by open hearings its complete accuracy, and upon such approvedly correct information bases rates fair alike to the consumer and to the utility.

**PROCEDURE FOLLOWED IN RATE-MAKING.**

As one of the first steps towards securing reliable and accurate data upon which rates may be based, the Commission requires all utilities to keep their books and accounts in conformity with classifications approved by the Commission, and which are based upon classifications of accounts prescribed for railroads by the Interstate Commerce Commission. In this uniform classification of accounts provisions is made so that every dollar received and every dollar expended by public utility corporations can be traced to its ultimate source. Severe penalties are provided for failure of utilities to keep their books in conformity with methods prescribed by the Commission.

The Commission employs a staff of trained auditors, who, under the law, are given access to every book and every document in possession of the utility. All utilities are required to make annual reports to the Commission. In addition, the Commission may and does call for special reports at other times. All of these reports are subject to check and verification by our auditors whenever necessity for such check seems apparent.

As illustrative of the efficiency of the classified accounting system under direction of the Commission, attention is called to the fact that a few years back the unlawful diversion of the sum of \$1,059,000 of one of the large public utilities of the state was uncovered by the auditing department of the Railroad Commission, notwithstanding that clever brains had endeavored to conceal that unlawful diversion. That same machinery is still in operation by the Commission.

In addition to having access to all the company's books and documents and prescribing the manner in which these books must be kept, the Commission also maintains a staff of trained engineers and experts, who, whenever rates or service are involved, make personal investigation upon the ground and submit fully detailed reports of such investigation to the Commission.

In a letter recently addressed to the Railroad Commission, light was sought on what the writer felt was "the practical granting of demands of utilities by default, owing to the inability of consumers to present a case before the Commission for lack of funds, inexperience in such matters, etc."

Under the procedure adopted by the Railroad Commission in the matter of rate-making, there is no such thing possible as a default. The demands of utilities for increased rates have not been granted "practically" or otherwise by default, but every proposed rate increase has been investigated by this Commission fully and completely, and every pertinent fact necessary to determine what should be a fair and equitable rate has been presented.

The Commission recognizes the inability of consumers to secure the data necessary to a proper presentation of their case. The Commission also understands the handicap under which representatives of municipalities labor in attempting to secure sufficient data to protect the rights of consumers, because of this inability of the consumers or their representatives to secure sufficient data successfully to resist the application of the utility for what may be unfair and unjust rates to consumers.

The public utility law provides for the creation by the Commission of a staff of trained technicians and experts whose duty it is to secure exactly the data necessary on behalf of the ratepayers. This work for many years has been done carefully, fully and as expeditiously as possible by the Railroad Commission. At every hearing extensive reports have been introduced in evidence by the Commission's engineers and are made available for the information of city attorneys, attorneys representing consumers and the consumers themselves who attend such hearings. Ample time is given to examine these reports and opportunity is afforded for the closest cross-examination of the Commission's engineers and experts.

The Commission fully understands the duty imposed on it in all matters affecting rates to take the "laboring oar" for the purpose of ascertaining what are fair and equitable rates. It realizes that it can ascertain exact facts upon which fair rates must be based, because it is the only organization having skilled and trained technicians capable of getting at the exact facts. It is impracticable for the ratepayers to organize and raise sufficient funds to employ independent engineers to make such investigation. These outside engineers, even if employed, have not the access to the company's books and records which the Commission's engineers have under the express terms of the law. Even they can not be placed in position to make as full and complete investigation as can be made by employees of the Commission.

The Commission also understands the inability of the average municipality to maintain, because of the large cost, an organization sufficiently equipped and competent to do the work. It necessarily follows that such investigation as is made must be made by the Commission. This fact has been impressed upon the Commission every time a rate hearing has been held. Without in the slightest degree attempting in any way to reflect upon the ability or the purposes of representatives of municipalities and consumers who have appeared before the Commission, it can be stated as a matter of fact that not only the major part but practically the entire evidence on behalf of the ratepayers has been introduced by the Commission through its own experts. That this is true is not strange, and it does not in any way reflect upon either the attorneys or the consumers, who have little or no opportunity of obtaining the essential facts.

#### COOPERATION WITH MUNICIPALITIES.

In many communities in the State of California there are the closest and most harmonious relations existing between the Commission and representatives of the cities. It is of the utmost importance to the people of the State of California and to the patrons of utilities that these friendly relations continue to exist. The Commission can do much to help municipalities, and in turn municipalities can be of great assistance to the Commission.

Looking at the problem purely from the standpoint of the Commission, it is obvious that with almost 800 major utilities serving more than three million persons now under the jurisdiction of the Commission, not including auto bus and freight truck utilities, it is impossible for the Commission to secure a sufficient appropriation or build up a staff



of inspectors capable of properly policing all utilities, particularly in regard to the quality of service rendered. In this most important branch of the work it is highly desirable that the Commission have the aid and support of the municipalities so that the two agencies, working together for the common good, can secure the very best possible service.

Looking at the problem from the standpoint of the municipalities, it is also equally plain that the municipality can not have the same comprehensive view of utility standards of service that comes to the Commission by reason of the peculiar character of its work and the accurate and definite information concerning the utility that the Commission has gathered. Largely due to the fact that the Commission possesses the rate-making power and has supervision over the stock and bond issues of the corporations and all of their other activities, there is a disposition on the part of the utilities to obey the orders of the Commission with more alacrity than they show in obeying the orders of municipalities.

The Commission can be as helpful to the municipalities as the municipalities can be helpful to the Commission. The sound and sensible thing to be done, therefore, is for the Commission and the municipalities to work together in the closest harmony and good will, to the end that the public secure the service to which it is entitled, at fair and reasonable rates.

It is not in the interest of the ratepayers that a municipality and the Commission should indulge in long and tiresome controversy over whose business it should be to perform a certain definite service. The thing the people are interested in is in securing that service. It is the policy of the Commission, in so far as possible, to attempt, by cooperation, to get the results to which it is felt the people are entitled. In this sort of accomplishment there is sufficient glory for all.

One of the things that have proved embarrassing, alike to many city attorneys and to the Commission, has been that when a company files with the Commission an application for an increase of rates, and before any fact in regard to the necessity or lack of necessity for such increase has been ascertained, city councils occasionally have issued instructions to the city attorney to appear before the Railroad Commission and oppose such proposed increase, and have denounced the proposal as "outrageous" without having any information at their command to determine whether or not it was in fact outrageous or justifiable. Acting under such instructions, city attorneys frequently have appeared at hearings, have examined exhibits and witnesses for the company, have been furnished all assistance which could be secured by the Commission through its independent investigations and reports, and after having followed their instructions to the best of their ability have become convinced that economic conditions and all the facts concerning the business make necessary some increase, they then have been placed in the equivocal position of having lost their case. This is unfair to the attorneys. The proper instructions to them would have been to resist with all their might the fixing of an unjust or unreasonable rate. They should be placed in exactly the same position that the Commission occupies in attempting to fix fair rates. It is to the interest of the people that the rate be fair and equitable. It is against the public interest that a rate be unjust or unreasonable, either to the consumers



or to the utility. The city attorneys should be in a position where they can be helpful to the Commission in determining just and reasonable rates, rather than in a position of defending rates, which, in the light of existing facts, may be unjust and unreasonable.

#### ORGANIZATION OF THE COMMISSION.

It has been stated that the Railroad Commission is organized and equipped to secure all necessary data concerning the making of rates and the quality of service supplied by the utilities of the state. It is doubtful, however, if the public understands exactly how the Commission is organized.

There are five Commissioners, appointed by the Governor, who must sit in review upon all the actions taken by the Commission, and all orders and decisions must be signed by a majority of the members.

There are five examiners, three of whom are heads of departments, who, in addition to the Commissioners, hold formal hearings and report their findings to the Commission.

The main offices of the Commission are in San Francisco, and there is a branch office in Los Angeles.

The work of the Commission is divided into eight departments:

The Secretary's Department has charge of correspondence, purchasing, accounting, general office work and attesting documents. Besides the secretary and assistant secretary there are twenty employees in this department.

There is a Legal Department, consisting of an attorney, an assistant attorney, and a stenographer.

The Recorder has charge of publicity, library, statistics and annual report. This department consists of one man, one stenographer and one clerk.

There is a Reporting Department, which makes a record of the proceedings in all formal hearings. It consists of one official reporter, four assistant reporters, two transcribers and one clerk.

There is a Department of Finance and Accounts, which has charge of all accounting records; and in addition gives technical advice to the Commission in all matters relating to the issuance of stocks, bonds and securities. It consists of one financial expert, one chief accountant, four accountants, four clerks and two stenographers.

There is a Rate Department, which has charge of the rates, both passenger and freight, on steam and electric railroads, express lines, on automobile lines, and the rates of wharves, and cold storage plants and warehouses. It consists of one rate expert, three assistant rate experts, one clerk and two stenographers.

There is a Service Department, having charge of the regulation of freight and passenger service on steam and electric railroads and charged with the investigation of accidents. This department consists of one service inspector, two assistant inspectors, and one stenographer.

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In addition, there is an Engineering Department under a chief engineer and assistant chief engineer. The Engineering Department is divided into five sections:

*The first section* has to do with transportation, steam and electric, street railroads, vessels and pipe lines, service and valuation. It is in charge of a transportation engineer and has ten assistant engineers.

*The second section* has charge of water supply, irrigation, service, rates and valuation. It consists of one hydraulic engineer and eight assistant engineers.

*The third section* deals with gas, electricity and steam heat and is in charge of the assistant chief engineer, who also is the gas and electric engineer for the Commission, and employs thirteen assistant engineers.

*The fourth section* consists of the Division of Telephone and Telegraph, and consists of one engineer and four assistant engineers.

*The fifth section* has charge of general and special work, stenographic and drafting, and consists of one chief clerk, five clerks, ten stenographers, one office boy and one draftsman.

This is the organization which the State of California has created for the purpose of obtaining, collecting, assembling and analyzing all essential information concerning the utilities operating in the state.

#### POWERS AND DUTIES OF COMMISSION.

Concerning the scope of the work in which this organization is employed, reference is made to other chapters in this report dealing with the activities of the various departments.

Of the more than 9199 formal decisions issued by the Commission since its organization, only 88 cases have been appealed to the courts. Of these six still are pending, and only in fourteen instances has the Commission been overruled. This record is pointed to as conclusive proof that the acts of the Commission have been in accordance with established law and with well defined principles of equity, justice and fairness.

The Commission is of the opinion that there is not a sufficient understanding on the part of the public generally that the Commission in exercising the rate-making power must act within clearly express laws contained in our statutes, and also within constitutional limitations which have been clearly defined by the state and federal courts. Upon the federal and state constitutions as interpreted by the courts and upon the express provision of the Public Utilities Act is founded the entire structure of regulation. The so-called "policies" of the Commission merely are rules laid down by it in conformity with the requirements of the law.

In granting to the Railroad Commission the power to fix rates for public utilities, the exercise of that power is limited to the granting of reasonable rates. A rate which is unreasonable and unjust can not be made to stand by this Commission or by any other agency or instrumentality which might or could be created by the state. If, at any time, the people of the state, in the exercise of their police power and acting

through any agency created by them, should fix unjust or unfair rates resulting in confiscation of property, such rates could be overturned by the utility upon proper showing in the courts.

The theory that is back of the law providing for the fixing of rates by an agency of the state is that the people at all times and under changing conditions are entitled to enjoy the essential service provided by public utilities at the actual and reasonable cost of rendering such service, which, of course, includes a reasonable return upon the value of the property devoted to the furnishing of such service. The Commission believes this principle is fair and equitable alike to the consumer and the utility. There are, of course, instances in which a utility is overbuilt, or unwisely built, or located where there is no chance of obtaining at a reasonable rate a fair return upon the expenditure. In such cases there is, and there can be, no hope on the part of the utility to secure an adequate return upon an unwise investment; but, where prudence has been observed in the building of the plant where expenditures have been wisely and honestly made, the rule is equitable and just.

Under this theory of cost, the utility is deprived of that chance which exists in private and unregulated business to earn a high return during periods of prosperity and has no opportunity to recoup itself, such as exists in private business, for losses sustained during periods of depression. The theory is, as nearly as is possible, to keep the utility upon an even keel at all times so far as its earnings are concerned. This almost entirely removes the speculative value which inheres in other privately owned enterprises. It provides for a smaller return, but gives a greater assurance of continuance of such return.

#### ELEMENTS OF COST OF SERVICE.

It is not the legal right or is it the policy of this Commission to *guarantee* any definite rate of earning to a utility. It is the legal duty and the policy of the Commission to allow a reasonable return, taking all conditions under consideration. It clearly is in the interest of the people to keep the utility in a position so that it may continue to function and to give satisfactory service which is so vitally necessary for the public welfare. Unless the company can show some return upon the money actually employed in providing the service required by the public it can not permanently maintain adequate or satisfactory service. When the Commission refers to the necessity of keeping a utility sound financially it has in mind only the necessity of the people who are dependent upon the service furnished and who demand that the quality of the service be maintained for their benefit and in their interest.

The cost of service consists of four items: The first is the operating expense; the second, depreciation; the third, taxes; the fourth, a fair return (usually computed in the neighborhood of 8 per cent) upon the value of the property actually used in supplying such service. The sum of these four items should equal the total amount of gross revenue received by the company.

Operating expenses are carefully scrutinized and analyzed. If there is unreasonable expenditure, such unreasonable amounts are deducted from the figures which are allowed as reasonable for operating expenses, and are not placed upon the consumers in rates.

The allowance for depreciation is to take care of units of property which wear out and can not be replaced through ordinary maintenance. The allowance is based upon estimated lives of the various classes of property and provides a fund which will take care of the replacement when the property has been wasted away.

In accordance with decisions of all the courts, taxes are allowed as an item of operating costs.

A fair return is a percentage on an amount arrived at by the Commission after an examination and consideration of all elements of value.

#### VALUATIONS AND HIGH PRICES.

There seems to be a somewhat popular belief that valuations made in recent years for the purpose of establishing a rate base upon which is to be computed a fair return have reflected the prevailing high prices. This is not the fact, except in so far as these high prices are reflected in items purchased during the period such prices prevailed.

All persons, of course, are aware of the tremendous increase in prices of labor and all commodities in the period beginning with the war and lasting for some time after. These facts are so well known that they need no elaboration here. Material and labor entering into the construction and operation of public utilities advanced fully as much as have other commodities. These advanced prices have reflected themselves in operating costs, but save in so far as additional units have been made to existing plants, have not reflected themselves in the rate base upon which utilities have been permitted to earn.

While interest rates have also advanced in the last few years, the Commission has not permitted this fact unduly to increase the rate of return which the companies have been permitted to earn.

One of the most widely prevalent misconceptions that exist is that the utility is permitted a certain percentage of return after having provided for the payment of interest upon the bonded debts. This is not the fact. All interest obligations which a utility must meet must come out of the fair return (usually computed at about 8 per cent) and based upon the value of the property actually devoted to the public service. After these debt obligations have been taken care of, whatever then is left may be used by the company for paying dividends upon its stock.

The Commission does not fix rates upon capitalization. Such bearing as the outstanding securities of a company may have on the ratepayer is to be found in this: If the indebtedness of the company is very large, or if it exceeds the value of the property as fixed for ratemaking purposes, then there can be no earnings. In some instances the earnings may be insufficient to pay operating expenses and in addition the charges on bonded and other indebtedness. In such instances the company faces either reorganization or bankruptcy. A bankrupt company can not render satisfactory service to a community. It can not secure funds for extensions to take care of new business. It can not maintain its property in condition to give good service. The sooner such company is reorganized and its capitalization brought within reasonable limits, the better it is both for the company and the community to be served.

**UTILITIES NOT PERMITTED TO PROFITEER.**

The soundness of the principles adopted by the Railroad Commission in fixing rates is made plain by the fact that while during the war period and thereafter the prices of commodities advanced from 72 to 300 per cent, at the same time the average advance in utility rates in California did not exceed 40 per cent. The utilities were not permitted to earn a larger percentage upon the value of their property than in the pre-war period. The Commission did not allow them to earn unusual or unreasonable profits, even despite the fact that money invested during that period in almost every other form of security or enterprise earned higher returns than it had theretofore. Whatever may have been the condition of unregulated business, the California Railroad Commission saw to it that the utilities of this state did not profiteer or earn any unreasonable rates of return.

The rule not to permit competition in territory the Commission believes to be adequately served is based on the principle that a utility adequately and sufficiently serving a certain territory should be left undisturbed to serve that field without being subjected to competitive conditions which inevitably must result in increased cost of service. Where the territory has not been adequately served, other utilities have been permitted to share the field. If the people are to be afforded the very best service possible it is equally necessary to protect the utility that furnishes adequate service and to admit into a territory not adequately served a new or competing utility that gives sufficient assurance that adequate service will be provided. The whole question involved in granting certificates of public convenience and necessity to utilities to enter fields already occupied must in the last analysis depend upon the character of service furnished by the utility already in the field.

## CHAPTER II.

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### THE YEAR'S WORK—STATISTICAL REPORT.

The year July 1, 1920, to June 30, 1921, marked the high point in total matters coming before the Commission of the docket and process division of the Secretary's department. The grand total of matters before the Commission includes both formal and informal matters. Formal proceedings are instituted through regular procedure, either by applicant or complainant and after hearings are passed upon in written decisions by the Commission.

During the year ending June 30, 1921, the Commission held 968 public hearings, twenty-seven more than in the preceding year. Of the total number of public hearings 327 were held in the Commission's court-rooms in San Francisco, 246 in the Los Angeles office of the Commission and 395 in other parts of the state. The hearings were held at points most convenient to the parties and the interested public. They were advertised in advance in the local press and every effort made to give the public ample notice. One or more Commissioners or an Examiner presided at these hearings and representatives of the Commission's technical staff were present. At several of the more important hearings the Commission sat *en banc*.

In addition to these hearings, often occupying several days, the Commission met in 281 sessions in the San Francisco office.

Informal matters, as the name implies, are brought to the attention of the Commission orally, or by letter or postcard and are adjusted without public hearing. Where ready settlement in this way is not possible, or where a number of informal complaints indicate a service or other condition at fault, the Commission institutes on its own motion a formal inquiry. Informal complaints, relating largely to service, inability to obtain extensions and disputes over bills, nearly doubled the previous year's number. The total for the year 1920-1921 was 4888, as against 2663 for the corresponding period of 1919-1920. Full information of the informal complaint work of the Commission will be found in Chapter IX of this report.

#### INFORMAL PROCEEDINGS.

During the year under review the Commission rendered 1376 decisions, or 27 more than in the previous year. The latter year, owing to unusual post-war conditions, had shown a great increase over all previous periods. It is notable that in a more normal period the number of decisions should exceed, even slightly, the total of a year marked by exceptional conditions. Including the work of this year, the Commission has, since January 1, 1911, handed down 9199 decisions.

Table No. 1 shows the number of formal complaints filed with the Commission each year since January 1, 1911, the date of the reorganization of the Commission:



TABLE No. 1.

Formal Complaints Filed with the Railroad Commission During the Fiscal Years Ending  
June 30, 1912 to June 30, 1921.

January 1, 1911 to June 30, 1912, inclusive.....	168
July 1, 1912 to June 30, 1913, inclusive.....	138
July 1, 1913 to June 30, 1914, inclusive.....	209
July 1, 1914 to June 30, 1915, inclusive.....	194
July 1, 1915 to June 30, 1916, inclusive.....	145
July 1, 1916 to June 30, 1917, inclusive.....	136
July 1, 1917 to June 30, 1918, inclusive.....	150
July 1, 1918 to June 30, 1919, inclusive.....	80
July 1, 1919 to June 30, 1920, inclusive.....	131
July 1, 1920 to June 30, 1921, inclusive.....	170

Table No. 2, following, gives a segregation of formal complaints as to subject matter and utility.

TABLE No. 2.

Formal Complaints.

	Steam railroads.....	Electric railroads.....	Water carriers.....	Electric companies.....	Gas companies.....	Telephone and telegraph companies.....	Water companies.....	Auto stage companies..	Warehouse companies..	Apartment houses.....	Totals.....
Rates and fares.....	20	3	1	4	2	1	8	2	1	.....	42
Service and facilities.....	9	7	.....	.....	4	8	35	4	.....	.....	67
Illegal operation, abandonment and transfer.....	1	.....	.....	.....	.....	1	1	50	.....	.....	53
Grade crossing protection.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Inductive interference.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Through route joint rates.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	37	11	1	4	6	10	44	56	1	.....	170

### FORMAL APPLICATIONS.

Formal applications filed totaled 1099. This shows a decrease of 60 from the previous year's figures. Table No. 3 gives the number of formal applications filed each year since the reorganization of the Commission:

TABLE No. 3.

Formal Applications Filed with the Railroad Commission During the Fiscal Years Ending  
June 30, 1912 to June 30, 1921.

March 23, 1912 to June 30, 1912, inclusive.....	126
July 1, 1912 to June 30, 1913, inclusive.....	501
July 1, 1913 to June 30, 1914, inclusive.....	583
July 1, 1914 to June 30, 1915, inclusive.....	544
July 1, 1915 to June 30, 1916, inclusive.....	632
July 1, 1916 to June 30, 1917, inclusive.....	632
July 1, 1917 to June 30, 1918, inclusive.....	893
July 1, 1918 to June 30, 1919, inclusive.....	803
July 1, 1919 to June 30, 1920, inclusive.....	1159
July 1, 1920 to June 30, 1921, inclusive.....	1099

Table No. 4, below, classifies the year's applications, according to subject and utility:

TABLE No. 4.  
Formal Applications.

	Steam railroads.....	Electric railroads.....	Water carriers.....	Electric companies.....	Gas companies.....	Telephone and telegraph companies.....	Water companies.....	Warehouse companies..	Wharf companies.....	Auto stage companies..	Totals .....
Grade crossings.....	123	6									129
Securities issues.....	4	7	2	29	20	14	26	14		13	129
Leases and transfers.....	1	2		7	8	2	34	1		147	202
To increase rates.....	16	11	7	19	20	16	56	22	1	44	212
Certificates.....				4	10	9	8			346	377
Abandonment and reduction of service	12	3		1	3	7	6			8	40
Establish rules.....				1			2				3
Valuations eminent domain.....		1					1				2
Reorganization.....											
Wharf franchises.....									5		5
Approval of agreements.....											
Totals.....	156	30	9	61	61	48	133	37	6	558	1099

DECISIONS.

In the year ending June 30, 1921, the Commission rendered 1376 decisions, 27 more than in the previous year.

Table No. 5, following, shows the total number of decisions rendered each year by the Commission since 1911:

TABLE NO. 5.  
Summary of Decisions in Formal Proceedings, January 1, 1911 to June 30, 1921.

January 1, 1911 to June 30, 1912, inclusive.....	97
July 1, 1912 to June 30, 1913, inclusive.....	644
July 1, 1913 to June 30, 1914, inclusive.....	876
July 1, 1914 to June 30, 1915, inclusive.....	915
July 1, 1915 to June 30, 1916, inclusive.....	930
July 1, 1916 to June 30, 1917, inclusive.....	952
July 1, 1917 to June 30, 1918, inclusive.....	1092
July 1, 1918 to June 30, 1919, inclusive.....	943
July 1, 1919 to June 30, 1920, inclusive.....	1349
July 1, 1920 to June 30, 1921, inclusive.....	1376
Total.....	9199

REHEARINGS.

Table No. 6 shows the record on rehearings for the same period:

TABLE NO. 6.  
Rehearings.

Petitions for rehearing filed.....	21
Petitions for rehearing granted.....	6
Petitions for rehearing denied.....	8
Petitions for rehearing modified.....	3

ANNUAL REPORTS FILED.

Tables prepared by the Department of Finance and Accounts show that during the twelve month period ending December 31, 1920, annual reports were received from 1280 public utilities, as against 798 for the



corresponding period of a year ago. These tables also show 543 filing their first annual reports this year, 61 ceasing to file reports and 19 filing annual reports concerning hospital service.

The tables follow:

TABLE NO. 7.

Public Utilities Filing Annual Reports with the Railroad Commission of the State of California—December 31, 1920.

Steam railroads—operative.....	49
Steam railroads—lessor.....	9
Steam railroads—under construction.....	3
Electric railways—operative.....	32
Electric railways—lessor.....	1
Express companies.....	2
Electric companies.....	62
Gas companies.....	22
Gas and electric companies.....	10
Telephone companies.....	105
Telegraph companies.....	4
Telephone and telegraph companies.....	7
Water companies.....	289
Warehouse, wharfingers and water carriers.....	202
Auto stages and trucks.....	483
Total.....	1,280

TABLE NO. 8.

Public Utilities Filing First Annual Reports in 1920.

Telephone and telegraph companies.....	3
Electric railways.....	2
Gas and electric companies.....	4
Water companies.....	13
Warehouse, wharfingers and water carriers.....	38
Auto stages and trucks.....	483
Total.....	543

TABLE NO. 9.

Public Utilities Ceasing to File Annual Reports in 1920.

Telephone and telegraph companies.....	3
Electric railways.....	3
Steam railroads.....	1
Gas and electric companies.....	14
Water companies.....	23
Warehouse, wharfingers and water carriers.....	17
Total.....	61

TABLE NO. 10.

Public Utilities Filing Annual Reports Concerning Hospital Service—December 31, 1920.

Steam railroads.....	11
Electric railways.....	5
Gas and electric companies.....	2
Water companies.....	1
Total.....	19

### CHAPTER III.

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## INFORMAL COMPLAINTS—DISPUTED BILLS.

Close personal relations with consumers are maintained by the Commission through the informal complaint service. Each division of the Commission's organization gives attention to matters coming within its respective field. By this means minor points of difference which arise between the various utilities and individual consumers receive prompt consideration and speedy adjustment. The time and cost involved in formal proceedings are thus saved, and matters that might grow into serious causes of friction between the utilities and their consumers are amicably adjudicated.

This year shows a marked increase in the number of informal complaints due in large part to the growing demand in southern California for service extensions—particularly telephone and gas. Also with increasing knowledge of the service maintained by the Commission, the public is more and more availing itself of it. This, rather than any slackening in efficiency on the part of the utilities, is believed to be the true explanation of the growing number of consumer appeals to the Commission.

### NO TECHNICALITIES IN PROCEDURE.

The design of the Commission is to make this department as accessible to the public as possible and free of any form of technical procedure. Informal complaint may be made by telephone, letter, postal card or personal call. The procedure is defined as follows:

Whenever an informal or correspondence complaint is filed, the matter is at once referred to the appropriate department, which takes up the matter with the utility affected, either by letter or in person, to see whether an adjustment can not be made voluntarily, without the necessity of informal proceedings. If necessary a representative of the Railroad Commission travels to the locality affected to secure first-hand information and an adjustment, if possible. While the Railroad Commission can not, without the formal hearing at which the public utility has its day in court, compel a public utility to take action on any complaint, the Railroad Commission has been successful in a large majority of informal complaints in securing an adjustment without the necessity of formal proceedings. In most cases, the Railroad Commission finds that the public utilities are ready and willing to cooperate in the adjustment of informal complaints.

Established January 1, 1912, as a departmental function, the record shows in general an increasing number of informal complaints, with this

year leading the list with 4888 and the grand total aggregating 24,345. The record according to years follows:

January 1, 1912 to June 30, 1912, inclusive.....	245
July 1, 1912 to June 30, 1913, inclusive.....	1,381
July 1, 1913 to June 30, 1914, inclusive.....	2,288
July 1, 1914 to June 30, 1915, inclusive.....	2,382
July 1, 1915 to June 30, 1916, inclusive.....	3,039
July 1, 1916 to June 30, 1917, inclusive.....	2,644
July 1, 1917 to June 30, 1918, inclusive.....	2,423
July 1, 1918 to June 30, 1919, inclusive.....	2,342
July 1, 1919 to June 30, 1920, inclusive.....	2,663
July 1, 1920 to June 30, 1921, inclusive.....	4,888
<b>Total.....</b>	<b>24,345</b>

SEGREGATION OF COMPLAINTS.

For the period from July 1, 1920, to June 30, 1921, complaints, segregated according to subject and utility, are shown in the following tabulation:

Informal Complaints Filed with the Railroad Commission—  
Year Ending June 30, 1921.

	Telephone and telegraph companies.....	Electric companies.....	Water companies.....	Steam railroads.....	Gas companies.....	Auto stage and truck lines.....	Electric railroads.....	Water companies.....	Warehouses.....	Express companies.....	Street car companies.....	Cold storage companies.....	Steam heat.....	Wharves.....	Totals.....
Service.....	816	221	338	95	95	82	47	7	10	13	11	2	2	1	1,739
Rates.....	79	145	132	117	31	38	25	18	21	10	2	1	3	1	623
Installation, extensions, cancellations.....	1,054	276	132	1	205	.....	2	.....	.....	.....	1	.....	.....	.....	1,671
Bills.....	35	152	77	.....	147	7	.....	.....	2	.....	.....	.....	.....	.....	420
Refunds.....	13	5	8	71	3	49	20	6	.....	2	.....	.....	.....	.....	177
Loss—damage, shortage.....	.....	.....	8	13	1	41	4	2	4	3	.....	.....	.....	.....	76
Violation law.....	.....	1	1	2	.....	23	.....	1	.....	.....	.....	.....	.....	.....	28
Competition.....	.....	.....	.....	.....	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	16
Deposits and deposit refunds.....	36	10	4	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
Crossings—spurs.....	1	.....	.....	30	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	43
Rights of way, franchises.....	.....	.....	.....	7	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	9
Rules and regulations.....	2	5	7	2	1	1	2	2	.....	1	.....	.....	.....	.....	23
Transformers.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
<b>Totals.....</b>	<b>2,036</b>	<b>820</b>	<b>707</b>	<b>338</b>	<b>491</b>	<b>259</b>	<b>112</b>	<b>36</b>	<b>37</b>	<b>29</b>	<b>14</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>4,888</b>

Of the total 1847 were handled in the Los Angeles office. Of this total 892 had to do with complaints in reference to telephone installations. The work of the different departments of the Commission in connection with informal complaints is described in more detail under department headings in this chapter.

GAS AND ELECTRIC DIVISION.

In the Gas and Electric Division there were filed 1316 informal complaints, as against 943 for the corresponding period covered in last year's report. This increse is not regarded as reflecting any slackened standard on the part of the utilities, but rather as indicating the confidence placed in the Commission by the consuming public. It is becoming more and more recognized that any consumer may bring his

troubles, no matter how trivial, to the Commission, and that they will receive prompt adjustment. The number of complaints were practically uniformly distributed throughout the year and the increase was due to no one cause.

That these complaints were in the main substantial and not captious is indicated by the fact that of the 1235 disposed of up to the time of this report 803 were settled in favor of the complainants and 432 in favor of the companies. Impartial treatment as between consumer and utility is the rule, and the awards are in nearly every case accepted by both parties as fair and just. It is a source of gratification and bespeaks the efficiency of the system that only 202 cases required outside investigation. The large majority were adjusted through correspondence.

That consumers are concerned chiefly with efficient service and do not object to fair rates, is shown by the great preponderance of complaints under the head of service. If in service is included extensions, nearly all complaints group themselves as to present and future service. Segregation of complaints is shown in the following tabulation:

Gas service conditions.....	220
Gas extensions.....	167
Disputed gas bills.....	94
Electric service conditions.....	357
Electric extensions.....	288
Disputed electric bills.....	178
Steam conditions.....	12
Total.....	1,316

#### COMPLAINTS ON PERCENTAGE BASIS.

An interesting comparison is afforded by a tabulation showing the number of informal complaints filed against the chief utilities of the state. While the greatest number of individual complaints were made against the largest companies, it is instructive to observe that the percentage is smallest. The record follows:

Utility	Number of complaints received	Number of consumers	Complaints per thousand consumers
Pacific Gas and Electric Company.....	485	552,674	.81
Los Angeles Gas and Electric Corporation.....	98	216,550	.45
Southern California Edison Company.....	186	125,998	1.48
Southern Counties Gas Company.....	66	73,322	.90
Southern California Gas Company.....	31	56,500	.55
San Diego Consolidated Gas and Electric Company.....	41	54,951	.75
San Joaquin Light and Power Corporation.....	77	43,103	1.79
Western States Gas and Electric Company.....	25	39,350	.64
Great Western Power Company.....	39	31,179	1.26
Coast Counties Gas and Electric Company.....	18	13,307	1.38

Segregating gas and electric companies, the record stands:

**ELECTRIC COMPANIES.**

Name of Company	Number of complaints received	Number of consumers	Complaints per thousand consumers
Pacific Gas and Electric Company.....	286	266,132	1.07
Southern California Edison Company.....	186	125,998	1.48
Los Angeles Gas and Electric Corporation.....	15	47,386	.32
San Joaquin Light and Power Corporation.....	65	36,073	1.80
San Diego Consolidated Gas and Electric Company.....	25	27,763	.89
Great Western Power Company.....	39	31,179	1.26
California Telephone and Light Company.....	30	4,607	6.00
Western States Gas and Electric Company.....	20	27,746	.71
California-Oregon Power Company.....	20	8,825	2.22
Coast Counties Gas and Electric Company.....	14	9,115	1.56
Coast Valleys Gas and Electric Company.....	15	5,270	3.00
Vallejo Electric Light and Power Company.....	17	5,397	3.40

**GAS COMPANIES.**

Name of Company	Number of complaints received	Number of consumers	Complaints per thousand consumers
Pacific Gas and Electric Company.....	179	286,542	.63
Los Angeles Gas and Electric Corporation.....	83	169,164	.49
San Joaquin Light and Power Corporation.....	12	7,030	1.72
Southern Counties Gas and Electric Company.....	66	73,322	.91
San Diego Consolidated Gas and Electric Company.....	16	27,188	.59
Southern California Gas Company.....	31	56,500	.55
Western States Gas and Electric Company.....	5	11,604	.45
Coast Counties Gas and Electric Company.....	4	4,192	1.00
Coast Valleys Gas and Electric Company.....	3	2,717	1.00
Modesto Gas Company.....	12	1,900	6.33

**HYDRAULIC DIVISION.**

One of the most important activities of the Hydraulic Division is the adjustment of informal complaints embracing minor difficulties growing out of the operation of public utility properties throughout the state.

A careful investigation and comprehensive study of all the facts and data submitted both by the complainant in making claim of an injustice and that of the company in substantiating its actions becomes necessary in order to equitably adjust such matters.

Informal complaints called to the attention of the Hydraulic Division are handled by engineers who are fully conversant with the general organization and operation of public utilities and it is usually possible for them to judge by means of correspondence what would be a fair adjustment to both consumer and the utility. However, in numerous instances it is necessary for this division to send its engineers into the field for the purpose of making a personal investigation into disputed matters. Practically all of these complaints are capable of adjustment in this way, thereby saving the consumer, the utility and the state the expense involved in an extensive formal hearing and investigation.

A total of 803 such informal complaints were called to the attention of the Hydraulic Division during the past fiscal year.

Another valuable phase of informal adjustment comes under the heading of disputed bills. The deposit with the Commission by the consumer of the amount of the disputed bill precludes the utility from discontinuing service and enables the Commission to properly investigate the matter and distribute the amount according to its findings. A total of \$3,477.86 was deposited with the Commission during the year, involving the question of disputed bills.

#### TELEPHONE AND TELEGRAPH DIVISION.

The Telephone Division has handled a total of 1026 informal complaints, 892 of which were with reference to service, delayed installations or extensions of service. Of these, 730 cases have been classified as service complaints. In reality, most of these had to do with the inability to obtain installation of service.

Not only during the past year but also during the year previous, the telephone companies, and particularly the Pacific Telephone and Telegraph Company, have been unable to keep up with the demand for new installations. In the beginning the difficulty appeared to be chiefly the inability of the company to obtain materials from the manufacturers. Complaints on account of inability to obtain the installation of service have been received from practically all of the large cities of the state. In many instances the Commission has been able to secure relief for the complainants, particularly in such cases where sickness or other causes made the establishing of service urgent.

Complaints as to the quality of service rendered have been handled and the causes of the complaints have been removed by the utilities involved.

#### WAREHOUSE DIVISION.

Thirty-six informal complaints affecting warehouses and cold storage utilities received prompt adjustment during the year. Of these, 10 referred to service, 20 to rates and three to loss or damage. This record compared very favorably to the preceding period, when approximately double the number were received.

#### RATE DEPARTMENT.

The record shows that the Rate Department handled a total of 185 informal complaints concerning transportation rates, including steam and electric roads and water carriers. Express rates also were included. In addition to adjustment complaints without formal procedure, this department also disposed of many applications informally.

Innumerable adjustments of controversies between shippers and carriers concerning rate matters are made by informal conference and correspondence, thus aiding in promoting greater harmony between the utility and the public.

During the period covered by this report, 1527 informal requests for permission to make changes in rates, fares, tolls, rentals, charges, classifications or in rules, regulations, contracts, practices or service were received, investigated and disposed of by the Rate Department. Of these informal requests approximately 1000 resulted in reductions in rates.

DISPUTED BILLS.

Another service of the Commission, inaugurated in May, 1916, relates to adjustment of disputed bills between the utility and the consumer. In accordance with a ruling in Case 683, decided November, 1915, a consumer questioning a bill rendered by a utility may deposit with the Commission the amount of the claim and in that way prevent discontinuance of service pending adjustment. After a thorough investigation, the proper charge is determined and the deposit distributed accordingly.

DEPOSITS ON DISPUTED BILLS.

Up to the close of this report, June 30, 1921, the total deposits were 1336. For the current year deposits totaled 330, as compared with 253 the preceding year.

The following statement shows the number of deposits received for disputed bills since the inception of the system:

May 23, 1916, to June 30, 1916, inclusive.....	76
July 1, 1916, to June 30, 1917, inclusive.....	173
July 1, 1917, to June 30, 1918, inclusive.....	157
July 1, 1918, to June 30, 1919, inclusive.....	347
July 1, 1919, to June 30, 1920, inclusive.....	253
July 1, 1920, to June 30, 1921, inclusive.....	330
Total.....	1,336

Deposits received for the period July 1, 1920, to June 30, 1921, inclusive, the tabulation showing the class of utilities, the number of deposits and the amounts:

Class of utility	Number of deposits	Amount
Electric.....	109	\$24,412 67
Water.....	96	3,477 86
Gas.....	94	1,383 67
Steam heat.....	3	1,191 62
Gas and electric.....	23	628 17
Telephone.....	5	21 75
Totals.....	330	\$31,115 74

## CHAPTER IV.

## STOCK AND SECURITY ISSUES.

## YEAR'S AUTHORIZATIONS.

During the twelve months period ending June 30, 1921, the Railroad Commission authorized the issue of \$168,497,596.91 of stock, bonds and notes, as compared with \$91,038,485.12 during the twelve months ending June 30, 1920. During the past year the Commission denied applications involving the sum of \$1,082,150, while applications amounting to \$22,904,560 were finally dismissed from the security application calendar. The Commission's action during the past two years may be summarized as follows:

	Year ending June 30, 1920	Year ending June 30, 1921
Applications granted.....	\$91,038,485 12	\$168,497,596 91
Applications denied.....	447,046 52	1,082,150 00
Applications dismissed.....	1,706,275 00	22,904,560 00
Totals.....	\$93,191,806 64	\$192,484,306 91

From July 1, 1920, to June 30, 1921, the Commission received applications from public utilities for permission to issue \$125,802,056.91 of stock, bonds, notes or certificates of indebtedness. On June 30, 1921, there were pending applications involving the issue of \$1,806,309.79 of securities. The amount of securities pending is shown by the following tabulations:

Applications pending June 30, 1920.....	\$68,488,599 79
Applications filed during year.....	125,802,056 91
Total.....	\$194,290,656 70
Applications acted upon during year.....	\$192,484,306 91
Applications pending June 30, 1921.....	\$1,806,309 79

## PERIOD OF SUPERVISION.

From March 23, 1912, the effective date of the Public Utilities Act, to June 30, 1921, the Railroad Commission passed upon applications for permission to issue \$1,324,748,284.22 of stocks, bonds, notes or other evidences of indebtedness. The following tabulation shows the action taken by the Commission on the various applications:

Applications granted.....	\$1,170,018,613 18
Applications denied.....	80,886,817 04
Applications dismissed.....	73,842,854 00
Total.....	\$1,324,748,284 22



The amount of stocks, bonds, notes and other evidences of indebtedness authorized to be issued by the orders of the Railroad Commission, according to classes of utilities, is distributed as follows:

Steam railroads.....	\$328,984,414 89
Electric railways.....	132,889,382 00
Gas and electric companies.....	504,248,071 02
Water companies.....	102,234,419 45
Telephone and telegraph companies.....	27,287,470 82
Warehouse companies.....	5,234,615 00
Car companies.....	160,000 00
Oil pipe line companies.....	59,753,433 00
Steamship companies.....	7,360,937 00
Motor transportation companies.....	1,865,870 00
Total.....	\$1,170,018,613 18

AUTHORIZATIONS DURING THE PAST TWO YEARS.

During the two years ending June 30, 1921, the various classes of public utilities were authorized by the Railroad Commission to issue stock and securities as follows:

	Year ending June 30, 1920	Year ending June 30, 1921
Steam railroad companies.....	\$5,316,265 80	\$4,318,400 00
Electric railway companies.....	1,655,204 40	46,428,000 00
Gas and electric companies.....	67,349,764 05	105,602,575 92
Water companies.....	11,168,850 67	2,225,025 55
Telephone and telegraph companies.....	2,611,865 20	2,702,110 44
Warehouse companies.....	827,600 00	936,450 00
Steamship companies.....	1,437,600 00	5,316,500 00
Motor companies.....	671,335 00	968,535 00
Totals.....	\$91,038,485 12	\$168,497,596 91

PURPOSES OF ISSUES.

The securities were authorized to be issued for the following purposes:

	Year ending June 30, 1920	Year ending June 30, 1921
Additions and betterments.....	\$59,413,772 56	\$94,124,945 91
Refunding.....	4,296,875 56	1,961,400 00
Collateral.....	22,082,000 00	18,646,500 00
Reorganisation.....	2,854,062 00	49,584,751 00
Miscellaneous.....	2,391,775 00	4,180,000 00
Totals.....	\$91,038,485 12	\$168,497,596 91

Reducing these latter amounts to percentages, one obtains the following:

	Year ending June 30, 1920	Year ending June 30, 1921
Additions and betterments.....	\$85 26	\$55 86
Refunding.....	4 71	1 16
Collateral.....	24 25	11 10
Reorganisation.....	3 13	29 40
Miscellaneous.....	2 65	2 48
Totals.....	\$100 00	\$100 00

**SEGREGATION OF ISSUES.**

Table No. 1, following, shows the total amount of stocks, bonds, notes and certificates of indebtedness applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921, segregated as to classes of utilities.

Table No. 2, following, shows the amount of stocks, bonds, notes and certificates of indebtedness applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921, segregated as to purpose and class of utility.

Table No. 3 shows the amount of stocks, bonds, notes and certificates of indebtedness of "steam railroad companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

Table No. 4 shows the amount of stocks, bonds, notes and certificates of indebtedness of "electric railway companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

Table No. 5 shows the amount of stocks, bonds, notes and certificates of indebtedness of "gas and electric companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

Table No. 6 shows the amount of stocks, bonds, notes and certificates of indebtedness of "water companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

Table No. 7 shows the amount of stocks, bonds, notes and certificates of indebtedness of "telephone and telegraph companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

Table No. 8 shows the amount of stocks, bonds, notes and certificates of indebtedness of "pipe line companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

Table No. 9 shows the amount of stocks, bonds, notes and certificates of indebtedness of "steamship companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

Table No. 10 shows the amount of stocks, bonds, notes and certificates of indebtedness of "warehouse companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

Table No. 11 shows the amount of stocks, bonds, notes and certificates of indebtedness of "motor transportation companies" applied for, authorized, denied and dismissed during the year ending June 30, 1921, and the amount pending on June 30, 1921.

TABLE No. 1.

SHOWING AMOUNT OF STOCKS, BONDS, NOTES AND CERTIFICATES APPLIED FOR, AUTHORIZED, DENIED, AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING BEFORE THE RAILROAD COMMISSION ON JUNE 30, 1921.

Class of utility	Applied	Authorized	Denied	Dismissed	Pending <sup>1</sup>
<i>Stocks</i>					
Steam railroads.....	\$202,900 00	\$123,400 00	.....	\$79,500 00	.....
Electric railway companies.....	.....	32,150,000 00	.....	.....	.....
Gas and electric companies.....	31,082,000 00	32,082,300 00	.....	492,500 00	.....
Water companies.....	1,353,350 55	1,349,350 55	\$19,000 00	.....	.....
Telephone and telegraph companies.....	965,963 00	959,463 00	.....	6,000 00	\$6,500 00
Warehouse companies.....	948,250 00	936,450 00	15,000 00	100,000 00	.....
Pipe line companies.....	.....	.....	.....	.....	.....
Steamship companies.....	4,530,000 00	5,304,500 00	500 00	.....	25,000 00
Motor companies.....	890,495 00	938,535 00	47,650 00	85,060 00	131,750 00
Totals.....	\$39,972,958 55	\$73,843,998 55	\$82,150 00	\$763,060 00	\$163,250 00
<i>Bonds.</i>					
Steam railroads.....	\$4,195,000 00	\$4,195,000 00	.....	.....	.....
Electric railway companies.....	340,000 00	9,074,000 00	.....	\$10,000,000 00	.....
Gas and electric companies.....	76,048,128 61	71,926,628 61	\$1,000,000 00	8,986,500 00	\$435,000 00
Water companies.....	795,000 00	535,000 00	.....	.....	260,000 00
Telephone and telegraph companies.....	954,700 00	1,197,700 00	.....	5,000 00	101,000 00
Warehouse companies.....	.....	.....	.....	.....	.....
Pipe line companies.....	.....	.....	.....	3,000,000 00	.....
Steamship companies.....	12,000 00	12,000 00	.....	.....	.....
Motor companies.....	40,000 00	30,000 00	.....	10,000 00	.....
Totals.....	\$82,393,828 61	\$86,970,328 61	\$1,000,000 00	\$22,001,500 00	\$796,000 00
<i>Notes.</i>					
Steam railroads.....	.....	.....	.....	.....	.....
Electric railway companies.....	\$4,000 00	\$5,204,000 00	.....	.....	.....
Gas and electric companies.....	1,593,647 31	1,593,647 31	.....	.....	.....
Water companies.....	557,675 00	340,675 00	.....	\$135,000 00	\$82,000 00
Telephone and telegraph companies.....	529,947 44	544,947 44	.....	.....	15,059 79
Warehouse companies.....	.....	.....	.....	.....	.....
Pipe line companies.....	.....	.....	.....	5,000 00	.....
Steamship companies.....	.....	.....	.....	.....	.....
Motor companies.....	.....	.....	.....	.....	.....
Totals.....	\$2,685,269 75	\$7,683,269 75	.....	\$140,000 00	\$97,059 79
<i>Certificates.</i>					
Steam railroads.....	\$750,000 00	.....	.....	.....	\$750,000 00
<i>Total Stocks, Bonds, Notes and Certificates.</i>					
Steam railroads.....	\$5,147,900 00	\$4,318,400 00	.....	\$79,500 00	\$750,000 00
Electric railway companies.....	353,000 00	46,428,000 00	.....	10,000,000 00	.....
Gas and electric companies.....	108,723,775 92	105,602,575 92	\$1,000,000 00	9,479,000 00	435,000 00
Water companies.....	2,706,025 55	2,225,025 55	19,000 00	135,000 00	342,000 00
Telephone and telegraph companies.....	2,450,610 44	2,702,110 44	.....	11,000 00	122,559 79
Warehouse companies.....	948,250 00	936,450 00	15,000 00	100,000 00	.....
Pipe line companies.....	.....	.....	.....	3,006,000 00	.....
Steamship companies.....	4,542,000 00	5,316,500 00	500 00	.....	25,000 00
Motor companies.....	930,495 00	968,535 00	47,650 00	95,060 00	131,750 00
Totals.....	\$125,802,056 91	\$168,497,596 91	\$1,082,150 00	\$22,904,560 00	\$1,806,309 79

<sup>1</sup>Total amount pending irrespective of date of application.

TABLE No. 2.

SHOWING AMOUNT AND PURPOSE OF STOCKS, BONDS, NOTES AND CERTIFICATES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING BEFORE THE RAILROAD COMMISSION ON JUNE 30, 1921.

Class of utility and purpose	Applied	Authorized	Denied	Dismissed	Pending <sup>1</sup>
<b>STOCKS.</b>					
<i>Additions and betterments.</i>					
Steam railroad companies.....	\$159,000 00	\$79,500 00	.....	\$79,500 00	.....
Gas and electric companies.....	24,417,000 00	25,417,300 00	.....	492,500 00	.....
Water companies.....	1,288,125 55	1,284,125 55	\$19,000 00	.....	.....
Telephone and telegraph companies	173,137 00	160,637 00	.....	6,000 00	\$6,500 00
Warehouse companies.....	948,250 00	936,450 00	15,000 00	100,000 00	.....
Steamship companies.....	4,530,000 00	5,304,500 00	500 00	.....	25,000 00
Motor companies.....	685,495 00	833,535 00	47,650 00	85,060 00	31,750 00
Totals.....	\$32,201,007 55	\$34,022,047 55	\$82,150 00	\$763,060 00	\$63,250 00
<i>Refunding.</i>					
Steam railroad companies.....	\$43,900 00	\$43,900 00	.....	.....	.....
Totals.....	\$43,900 00	\$43,900 00	.....	.....	.....
<i>Reorganization.</i>					
Electric railway companies.....	.....	\$32,150,000 00	.....	.....	.....
Gas and electric companies.....	\$6,665,000 00	6,665,000 00	.....	.....	.....
Water companies.....	65,225 00	65,225 00	.....	.....	.....
Telephone and telegraph companies	792,826 00	792,826 00	.....	.....	.....
Motor companies.....	206,000 00	106,000 00	.....	.....	\$100,000 00
Totals.....	\$7,728,051 00	\$39,778,051 00	.....	.....	\$100,000 00
Grand totals.....	\$39,972,958 55	\$73,843,998 55	\$82,150 00	\$763,060 00	\$163,250 00
<b>BONDS.</b>					
<i>Additions and betterments.</i>					
Electric railway companies.....	.....	.....	.....	\$9,697,000 00	.....
Gas and electric companies.....	\$58,261,628 61	\$57,156,128 61	\$1,000,000 00	6,336,500 00	\$70,000 00
Water companies.....	510,000 00	510,000 00	.....	.....	.....
Telephone and telegraph companies	125,500 00	175,500 00	.....	.....	57,000 00
Pipe line companies.....	.....	.....	.....	3,000,000 00	.....
Steamship companies.....	12,000 00	12,000 00	.....	.....	.....
Motor companies.....	40,000 00	30,000 00	.....	10,000 00	.....
Totals.....	\$58,949,128 61	\$57,883,628 61	\$1,000,000 00	\$19,042,500 00	\$127,000 00
<i>Refunding.</i>					
Electric railway companies.....	\$200,000 00	\$200,000 00	.....	\$303,000 00	.....
Gas and electric companies.....	2,607,500 00	1,456,500 00	.....	1,151,000 00	.....
Totals.....	\$2,807,500 00	\$1,656,500 00	.....	\$1,454,000 00	.....
<i>Collateral.</i>					
Steam railroad companies.....	\$15,000 00	\$15,000 00	.....	.....	.....
Electric railway companies.....	149,000 00	5,349,000 00	.....	.....	.....
Gas and electric companies.....	14,782,500 00	13,282,500 00	.....	\$1,500,000 00	.....
Totals.....	\$14,946,500 00	\$18,646,500 00	.....	\$1,500,000 00	.....
<i>Reorganization.</i>					
Electric railway companies.....	.....	\$3,525,000 00	.....	.....	.....
Gas and electric companies.....	\$396,500 00	31,500 00	.....	.....	\$365,000 00
Water companies.....	285,000 00	25,000 00	.....	.....	260,000 00
Telephone and telegraph companies	829,200 00	1,022,200 00	.....	\$5,000 00	44,000 00
Totals.....	\$1,510,700 00	\$4,603,700 00	.....	\$5,000 00	\$669,000 00
<i>Miscellaneous.</i>					
Steam railroad companies.....	\$4,180,000 00	\$4,180,000 00	.....	.....	.....
Grand totals.....	\$82,393,828 61	\$86,970,328 61	\$1,000,000 00	\$22,001,500 00	\$796,000 00

<sup>1</sup>Total amount pending irrespective of date of application.

TABLE NO. 2—Continued.

Class of utility and purpose	Applied	Authorized	Denied	Dismissed	Pending <sup>1</sup>
<b>NOTES.</b>					
<i>Additions and betterments.</i>					
Gas and electric companies.....	\$1,343,634 71	\$1,343,647 31	.....	.....	.....
Water companies.....	515,675 00	330,675 00	.....	\$135,000 00	\$50,000 00
Telephone and telegraph companies.....	529,947 44	544,947 44	.....	.....	15,059 79
Pipe line companies.....	.....	.....	.....	5,000 00	.....
Totals.....	\$2,389,269 75	\$2,219,269 75	.....	\$140,000 00	\$65,059 79
<i>Refunding.</i>					
Electric railway companies.....	\$4,000 00	\$4,000 00	.....	.....	.....
Gas and electric companies.....	250,000 00	250,000 00	.....	.....	.....
Water companies.....	39,000 00	7,000 00	.....	.....	\$32,000 00
Totals.....	\$293,000 00	\$261,000 00	.....	.....	\$32,000 00
<i>Reorganization.</i>					
Electric railway companies.....	.....	\$5,200,000 00	.....	.....	.....
Water companies.....	\$3,000 00	3,000 00	.....	.....	.....
Totals.....	\$3,000 00	\$5,203,000 00	.....	.....	.....
Grand totals.....	\$2,685,269 75	\$7,683,269 75	.....	\$140,000 00	\$97,059 79
<b>CERTIFICATES.</b>					
<i>Additions and betterments.</i>					
Steam railroad companies.....	\$750,000 00	.....	.....	.....	\$750,000 00
Totals.....	\$750,000 00	.....	.....	.....	\$750,000 00
Grand totals.....	\$750,000 00	.....	.....	.....	\$750,000 00
<b>TOTAL STOCKS, BONDS, NOTES AND CERTIFICATES.</b>					
<i>Additions and betterments.</i>					
Steam railroad companies.....	\$909,000 00	\$79,500 00	.....	\$79,500 00	\$750,000 00
Electric railway companies.....	.....	.....	.....	9,687,000 00	.....
Gas and electric companies.....	84,022,275 92	83,917,075 92	\$1,000,000 00	6,828,000 00	70,000 00
Water companies.....	2,313,800 55	2,124,800 55	19,000 00	135,000 00	50,000 00
Telephone and telegraph companies.....	828,584 44	887,084 44	.....	6,000 00	78,559 79
Warehouse companies.....	948,250 00	936,450 00	15,000 00	100,000 00	.....
Pipe line companies.....	.....	.....	.....	3,005,000 00	.....
Steamship companies.....	4,542,000 00	5,316,500 00	500 00	.....	25,000 00
Motor companies.....	725,495 00	863,535 00	47,650 00	95,060 00	31,750 00
Totals.....	\$94,289,405 91	\$94,124,945 91	\$1,082,150 00	\$19,945,560 00	\$1,005,309 79
<i>Refunding.</i>					
Steam railroad companies.....	\$43,900 00	\$43,900 00	.....	.....	.....
Electric railway companies.....	204,000 00	204,000 00	.....	\$303,000 00	.....
Gas and electric companies.....	2,857,500 00	1,706,500 00	.....	1,151,000 00	.....
Water companies.....	39,000 00	7,000 00	.....	.....	\$32,000 00
Totals.....	\$3,144,400 00	\$1,961,400 00	.....	\$1,454,000 00	\$32,000 00
<i>Collateral.</i>					
Steam railroad companies.....	\$15,000 00	\$15,000 00	.....	.....	.....
Electric railway companies.....	149,000 00	5,349,000 00	.....	.....	.....
Gas and electric companies.....	14,782,500 00	13,282,500 00	.....	\$1,500,000 00	.....
Totals.....	\$14,946,500 00	\$18,646,500 00	.....	\$1,500,000 00	.....
<i>Reorganization.</i>					
Electric railway companies.....	.....	\$40,875,000 00	.....	.....	.....
Gas and electric companies.....	\$7,061,500 00	6,696,500 00	.....	.....	\$365,000 00
Water companies.....	353,225 00	93,225 00	.....	.....	260,000 00
Telephone and telegraph companies.....	1,622,026 00	1,815,026 00	.....	\$5,000 00	44,000 00
Motor companies.....	205,000 00	105,000 00	.....	.....	100,000 00
Totals.....	\$9,241,751 00	\$49,584,751 00	.....	\$5,000 00	\$769,000 00
<i>Miscellaneous.</i>					
Steam railroad companies.....	\$4,180,000 00	\$4,180,000 00	.....	.....	.....
Grand totals.....	\$125,802,056 91	\$168,497,596 91	\$1,082,150 00	\$22,904,560 00	\$1,806,309 79

<sup>1</sup>Total amount pending irrespective of date of application.

TABLE No. 3.

STEAM RAILROAD COMPANIES: STOCKS, BONDS, NOTES AND CERTIFICATES APPLIED FOR, AUTHORIZED, DENIED, DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Abbreviations: A. B.=Additions and Betterments;  
Ref.=Refunding; Col.=Collateral; Reorg.=  
Reorganization; Misc.=Miscellaneous.

Applica- tion Number	Decis- ion Number	Utility	Applied	Purpose	Authorized	Dismissed
STOCKS.						
2073	8683	Death Valley Railroad company...	\$43,900 00	Ref.	\$43,900 00	.....
6157	8896	Mount Tamalpais and Muir Woods Railway.....	159,000 00	A. B.	79,500 00	\$79,500 00
		Totals.....	\$202,900 00	.....	\$123,400 00	\$79,500 00
BONDS.						
6766	8897	Mount Tamalpais and Muir Woods Railway.....	\$15,000 00	Col.	\$15,000 00	.....
6668	8834	The Western Pacific Railroad Com- pany.....	4,180,000 00	Misc.	4,180,000 00	.....
		Totals.....	\$4,195,000 00	.....	\$4,195,000 00	.....
CERTIFICATES.						
6933	.....	San Diego and Arizona Railway Company.....	\$750,000 00	A. B.	\$750,000 00	.....
		Totals.....	\$750,000 00	.....	\$750,000 00	.....
TOTAL STOCKS, BONDS AND CERTIFICATES.						
2073	8683	Death Valley Railroad Company...	\$43,900 00	\$43,900 00	.....	.....
6157	8896	Mount Tamalpais and Muir Woods Railway.....	159,000 00	79,500 00	\$79,500 00	.....
6766	8897	Mount Tamalapis and Muir Woods Railway.....	15,000 00	15,000 00	.....	.....
6933	.....	San Diego and Arizona Railway Company.....	750,000 00	.....	.....	\$750,000 00
6668	8834	The Western Pacific Railroad Com- pany.....	4,180,000 00	4,180,000 00	.....	.....
		Totals.....	\$5,147,900 00	\$4,318,400 00	\$79,500 00	\$750,000 00

TABLE No. 4.

ELECTRIC RAILWAY COMPANIES: STOCK, BONDS, NOTES AND CERTIFICATES APPLIED FOR, AUTHORIZED, DENIED, DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Abbreviations: A. B.—Additions and Betterments;  
Ref.—Refunding; Col.—Collateral; Reorg.—  
Reorganization; Misc.—Miscellaneous.

Applica- tion Number	Decis- ion Number	Utility	Applied	Purpose	Authorized	Dismissed
STOCK.						
5840	8482	Market Street Railway Company..	.....	Reorg.	\$32,150,000 00	.....
		Total .....			\$32,150,000 00	.....
BONDS.						
6152	8167	Humboldt Transit Company.....	\$8,000 00	Col.	\$8,000 00	.....
5840	8482	Market Street Railway Company..	.....	*	8,725,000 00	.....
5400	7927	Pacific Electric Railway Company..	200,000 00	Ref.	200,000 00	.....
5991	7958	San Francisco-Oakland Terminal Railways.....	14,000 00	Col.	14,000 00	.....
6062	8049	San Francisco-Oakland Terminal Railways.....	9,000 00	Col.	9,000 00	.....
1152	.....	San Francisco-Oakland Terminal Railways.....	.....	†	.....	\$10,000,000 00
6681	8785	San Francisco-Oakland Terminal Railways.....	18,000 00	Col.	18,000 00	.....
6626	8778-900	Tidewater Southern Railway Com- pany.....	100,000 00	Col.	100,000 00	.....
		Totals.....	\$349,000 00		\$9,074,000 00	\$10,000,000 00
NOTES.						
6152	8167	Humboldt Transit Company.....	\$4,000 00	.....	Ref.	\$4,000 00
5840	8482	Market Street Railway Company..	.....	.....	Reorg.	5,200,000 00
		Totals.....	\$4,000 00			\$5,204,000 00
TOTAL STOCK, BONDS AND NOTES.						
6152	8167	Humboldt Transit Company.....	\$12,000 00	.....	\$12,000 00	.....
5840	8482	Market Street Railway Company..	<sup>1</sup>	.....	46,075,000 00	.....
5400	7927	Pacific Electric Railway Company..	200,000 00	.....	200,000 00	.....
5991	7958	San Francisco-Oakland Terminal Railways.....	14,000 00	.....	14,000 00	.....
6062	8049	San Francisco-Oakland Terminal Railways.....	9,000 00	.....	9,000 00	.....
1152	.....	San Francisco-Oakland Terminal Railways.....	<sup>1</sup>	.....	.....	\$10,000,000 00
6681	8785	San Francisco-Oakland Terminal Railways.....	18,000 00	.....	18,000 00	.....
6626	8778-900	Tidewater Southern Railway Com- pany.....	100,000 00	.....	100,000 00	.....
		Totals.....	\$353,000 00		\$46,428,000 00	\$10,000,000 00

\*Reorg., \$3,525,000; Col., \$5,200,000.  
†A. B., \$9,697,000; Ref., \$303,000.  
<sup>1</sup>Applied for prior to July 1, 1920.

TABLE No. 5.

GAS AND ELECTRIC COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA, FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Name of utility	Purpose	Authorized	Denied	Dismissed	Pending
6020	Stock.					
6030	any	Reorg.	35,000 00			
6512		Reorg.	6,000,000 00			
6574						
6827						
6804						
6877						
6000						
6000		A. B.			\$539,500 00	
2245						
6238						
6526						
6708						
5505		A. B.	150,000 00			
6450	1148,700 00	A. B.	1,000,000 00			
5583	1,000,000 00	A. B.	2,000,000 00			
6416	2,000,000 00					
6617						
6804						
5381						
6223						
6778						
6478						
6872						
6257						
6480	38,000 00	A. B.	38,000 00			
6898	50,000 00	A. B.	50,000 00			
6729	1,000,000 00	A. B.	1,000,000 00			
6387	5,000,000 00	A. B.	5,000,000 00			
6384						
6535	3,000,000 00	A. B.	3,000,000 00			
6761						



3001	.....	.....	.....	.....	.....	.....	.....	.....	.....
6336	5445	company	604,000 00	A. B.	604,000 00	.....	.....	.....	.....
6744	8056	company	328,000 00	A. B.	328,000 00	.....	.....	.....	.....
6744	8056	.....	300 00	A. B.	300 00	.....	.....	.....	.....
6801	7855	.....	.....	.....	.....	.....	.....	.....	.....
6146	8304	.....	.....	.....	.....	.....	.....	.....	.....
6417	8056	.....	.....	.....	.....	.....	.....	.....	.....
6672	8716	.....	.....	.....	.....	.....	.....	.....	.....
6672	8818	.....	.....	.....	.....	.....	.....	.....	.....
6572	8679-9018	.....	.....	.....	.....	.....	.....	.....	.....
6694	8890	.....	.....	.....	.....	.....	.....	.....	.....
6763	8061	.....	.....	.....	.....	.....	.....	.....	.....
6390	8163	.....	.....	A. B.	11,000,000 00	.....	.....	.....	.....
6008	9020	.....	.....	.....	.....	.....	.....	.....	.....
6426	8579	.....	10,000,000 00	A. B.	10,000,000 00	.....	.....	.....	.....
6436	8530	.....	.....	.....	.....	.....	.....	.....	.....
6640	8819	.....	.....	.....	.....	.....	.....	.....	.....
6917	.....	Southern California Edison Company	.....	.....	.....	.....	.....	.....	.....
6002	.....	Southern California Gas Company	.....	.....	.....	.....	.....	.....	.....
6306	.....	Southern California Gas Company	.....	.....	.....	.....	.....	.....	.....
6307	8397	Southern Counties Gas Company of California	.....	.....	.....	.....	.....	.....	.....
6307	8398	Southern Counties Gas Company of California	.....	.....	.....	.....	.....	.....	.....
6307	8417	Southern Counties Gas Company of California	.....	.....	.....	.....	.....	.....	.....
6307	8806	Southern Counties Gas Company of California	.....	.....	.....	.....	.....	.....	.....
6307	9046	Southern Counties Gas Company of California	.....	.....	.....	.....	.....	.....	.....
6596	9128	Southern Counties Gas Company of California	1,260,000 00	A. B.	1,260,000 00	.....	.....	.....	.....
6383	8344	Southern Counties Gas Company of California	.....	.....	.....	.....	.....	.....	.....
6877	8699	Southern Counties Gas Company of California	.....	.....	.....	.....	.....	.....	.....
6386	7857	Western B	.....	.....	.....	.....	.....	.....	.....
6714	8494	Western B	.....	.....	.....	.....	.....	.....	.....
6863	8894	Western B	.....	.....	.....	.....	.....	.....	.....
6863	9192	Western B	.....	.....	.....	.....	.....	.....	.....
Totals			\$31,082,000 00	.....	\$32,082,200 00	.....	.....	\$492,500 00	.....

Abbreviations: A. B.—Additions and Betterments; Ref.—Refunding; Col.—Collateral; Reorg.—Reorganization.

\*Reorg., \$31,500,000; Ref., \$18,500,000. †A. B., \$1,849,000,000; Ref., \$1,151,000,000. †A. B., \$1,500,000,000; Col., \$1,500,000,000. \*\*Col., \$2,625,000,000; A. B., \$2,625,000,000. ††Col., \$2,375,000,000; A. B., \$2,375,000,000. †††Col., \$5,250,000,000. †††A. B., \$2,375,000,000. †††Col., \$1,500,000,000. †††A. B., \$1,500,000,000.

†\$3,300,000 of the \$150,000,000 was applied for prior to July 1, 1920. †Applied for prior to July 1, 1920.

## REPORT OF CALIFORNIA RAILROAD COMMISSION.

TABLE No. 5—Continued.

GAS AND ELECTRIC COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA, FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6020	8157	Alturas Electric Power Company	\$50,000 00	•	\$50,000 00	•	•	•
5930	8006	Boulder Creek Electric Light and Water Company	•	•	•	•	•	•
6512	8723	The California Ore	3,000,000 00	†	1,849,000 00	•	\$1,151,000 00	•
6574	8731	The California Ore	150,000 00	A. B.	150,000 00	•	•	•
6627	9054	Central Counties Gas	593,000 00	A. B.	593,000 00	•	•	•
6204	8409	Coast Valleys Gas	50,000 00	A. B.	•	•	•	\$50,000 00
6677	•	Central Coast Gas	3,500,000 00	A. B.	3,500,000 00	•	•	•
6000	7884	Great Western Power Company of California	3,500,000 00	Col.	3,500,000 00	•	•	•
6000	8913-9080	Great Western Power Company of California	•	•	•	•	•	•
2245	•	Fontana Power Company	•	•	•	•	•	•
6238	8364	Great Western Power Company of California	3,000,000 00	†	•	•	•	•
6526	8729	Great Western Power Company of California	2,500,000 00	A. B.	2,500,000 00	•	•	•
6708	8864	Halton Power Company	50,000 00	A. B.	50,000 00	•	•	•
6505	7826	Interstate Gas Company	•	•	•	•	•	•
6450	8516	Los Angeles Gas and Electric Corporation	•	•	•	•	•	•
6583	8604	Los Angeles Gas and Electric Corporation	•	•	•	•	•	•
6616	8736	Los Angeles Gas and Electric Corporation	400,000 00	A. B.	400,000 00	•	•	•
6617	8737	Los Angeles Gas and Electric Corporation	2,500,000 00	A. B.	2,500,000 00	•	•	•
6804	9099	Los Angeles Gas and Electric Corporation	3,500,000 00	A. B.	3,500,000 00	•	•	•
6881	7865	Los Angeles Gas and Electric Corporation	603,000 00	A. B.	603,000 00	•	•	•
6223	8376	•	•	•	•	•	•	•
6778	9063	•	•	•	•	•	•	•
6478	8684	•	•	•	•	•	•	•
6672	•	•	•	•	•	•	•	•
6257	8362	•	25,000 00	A. B.	25,000 00	•	•	20,000 00
6490	8615	•	20,000 00	A. B.	•	•	•	•
5898	7874	•	•	•	•	•	•	•
6229	8315	Pacific Gas and Electric Company	•	•	•	•	•	•
6387	9446	Pacific Gas and Electric Company	10,000,000 00	A. B.	10,000,000 00	•	\$3,000,000 00	•
3384	•	Pacific Gas and Electric Company	•	A. B.	•	•	•	•
6485	8802	Pacific Gas and Electric Company	•	•	•	•	•	•
6761	8963	Pacific Gas and Electric Company	1,000,000 00	Ref.	1,000,000 00	•	•	•

3001	.....	Pacific Public Service Corporation.....	.....	A. B.	.....	.....	.....	.....
6296	8445	San Diego Consolidated Gas and Electric Company.....	500,000 00	A. B.	500,000 00	.....	.....	.....
6744	8956	San Diego Consolidated Gas and Electric Company.....	2,750,000 00	A. B.	2,750,000 00	.....	.....	.....
6744	8956	San Diego Gas and Electric Company.....	.....	.....	.....	.....	.....	.....
5901	7855	San Joaquin Light and Power Corporation.....	5,250,000 00	**	5,250,000 00	.....	.....	.....
6146	8364	San Joaquin Light and Power Corporation.....	4,750,000 00	††	***	.....	†††	.....
6417	8668	San Joaquin Light and Power Corporation.....	7,000,000 00	A. B.	7,000,000 00	.....	.....	.....
6572	8716	San Joaquin Light and Power Corporation.....	651,000 00	Col.	651,000 00	.....	.....	.....
6572	8818	San Joaquin Light and Power Corporation.....	1,974,000 00	Col.	1,974,000 00	.....	.....	.....
6572	8979-9015	San Joaquin Light and Power Corporation.....	.....	.....	.....	.....	.....	.....
6694	8890	San Joaquin Light and Power Corporation.....	.....	.....	.....	.....	.....	.....
6762	8951	San Joaquin Light and Power Corporation.....	.....	A. B.	2,000,000 00	.....	.....	.....
5390	8163	Sespe Light and Power Company.....	438,000 00	Ref.	438,000 00	.....	.....	.....
6003	8020	Southern California Edison Company.....	.....	.....	.....	.....	.....	.....
6426	8579	Southern California Edison Company.....	10,000,000 00	A. B.	10,000,000 00	.....	.....	.....
6425	8539	Southern California Edison Company.....	3,000,000 00	††	3,000,000 00	.....	.....	.....
6640	8819	Southern California Gas Company.....	365,000 00	Reorg.	.....	.....	.....	365,000 00
6917	8397	Southern Counties Gas Company of California.....	660,500 00	A. B.	.....	.....	.....	.....
6092	8398	Southern Counties Gas Company of California.....	929,389 26	A. B.	929,389 26	.....	.....	.....
6306	8398	Southern Counties Gas Company of California.....	400,000 00	A. B.	400,000 00	.....	.....	.....
6307	8398	Southern Counties Gas Company of California.....	100,000 00	A. B.	100,000 00	.....	.....	.....
6307	8617	Southern Counties Gas Company of California.....	100,000 00	A. B.	100,000 00	.....	.....	.....
6307	8806	Southern Counties Gas Company of California.....	100,000 00	A. B.	100,000 00	.....	.....	.....
6307	9049	Southern Counties Gas Company of California.....	150,000 00	A. B.	150,000 00	.....	.....	.....
6895	9128	Southern Counties Gas Company of California.....	1,040,478 55	A. B.	1,040,478 55	.....	.....	.....
6282	8344	Southern Sierras Power Company.....	444,260 80	A. B.	444,260 80	.....	.....	.....
6283	8599	Southern Sierras Power Company.....	439,000 00	Col.	439,000 00	.....	.....	.....
5877	7857	Western States Gas and Electric Company.....	264,000 00	A. B.	264,000 00	.....	.....	.....
6386	8494	Western States Gas and Electric Company.....	218,500 00	Col.	218,500 00	.....	.....	.....
6714	8894	Western States Gas and Electric Company.....	179,000 00	A. B.	179,000 00	.....	.....	.....
6863	9102	Western States Gas and Electric Company.....	.....	.....	.....	.....	.....	.....
Totals.....			\$76,048,126 61	.....	\$71,926,628 61	\$1,000,000 00	\$8,986,500 00	\$435,000 00

Abbreviations: A. B.—Additions and Betterments; Ref.—Refunding; Col.—Collateral; Reorg.—Reorganization.

\*Reorg., \$31,500.00; Ref., \$18,500.00. †A. B., \$1,849,000.00; Ref., \$1,151,000.00. †A. B., \$1,500,000.00; Col., \$1,500,000.00. \*\*Col., \$2,625,000.00; A. B., \$2,625,000.00. ††Col., \$2,375,000.00; A. B., \$2,375,000.00. ††Col., \$1,500,000.00; A. B., \$1,500,000.00. \*\*\*Col., \$5,250,000.00. †††A. B., \$2,375,000.00. †††Col., \$1,500,000.00. \*\*\*A. B., \$1,500,000.00.

‡\$3,300.00 of the \$150,000.00 was applied for prior to July 1, 1920. ‡Applied for prior to July 1, 1920.

TABLE No. 5—Continued.

GAS AND ELECTRIC COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA, FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Name of utility	Notes.	State of	A. B.	State of	Pending
6020	Water Company	Water Company				
6030	Electric Light and Water Company	Electric Light and Water Company				
6512	Gas Power Company	Gas Power Company				
6574						
6527						
6204						
6877						
6000	Water Company of California	Water Company of California				
6000	Company	Company				
2245	Water Company of California	Water Company of California				
6238	Water Company of California	Water Company of California				
6526	City of California	City of California				
6708						
6506						
6450	Electric Corporation	Electric Corporation				
6593	Electric Corporation	Electric Corporation				
6616	Electric Corporation	Electric Corporation				
6617	Electric Corporation	Electric Corporation				
6594	Electric Corporation	Electric Corporation				
6531	Public Service Corporation	Public Service Corporation		A. B.	35,000 00	
6223	Public Service Corporation	Public Service Corporation		A. B.	238,000 00	
6778	Public Service Corporation	Public Service Corporation				
6478						
6972						
6257						
6450						
5898	Company	Company				
6250	Company	Company				
6357	Company	Company				
3394	Company	Company				
6535	Company	Company				
6761	Company	Company				



TABLE No. 5—Concluded.

GAS AND ELECTRIC COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA, FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921—Continued.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6020	8157	Notes.	\$1,975 00	..	\$1,975 00	..	..	..
6030	8008	Company	55,000 00	..	55,000 00	..	..	..
6512	8723	..	6,000,000 00	..	6,000,000 00	..	..	..
6574	8731	..	3,000,000 00	..	1,849,000 00	..	\$1,151,000 00	..
6627	9064	..	150,000 00	..	150,000 00	..	..	..
6704	8409	..	595,000 00	..	595,000 00	..	..	..
6877	7084	..	50,000 00	..	..	..	..	850,000 00
6900	..	Great Western Power Company of California	3,500,000 00	..	3,500,000 00	..	..	..
6900	8913-9080	Great Western Power Company of California	3,500,000 00	..	3,500,000 00	..	..	..
2945	..	Fontana Power Company	..	..	..	..	..	..
6238	8364	Great Western Power Company of California	3,000,000 00	..	1,500,000 00	..	839,500 00	..
6326	8729	Great Western Power Company of California	2,500,000 00	..	2,500,000 00	..	1,500,000 00	..
6708	8864	Great Western Power Company of California	50,000 00	..	50,000 00	..	..	..
6806	7826	Holton Power Company	1146,700 00	..	150,000 00	..	..	..
6450	8516	..	1,000,000 00	..	1,000,000 00	..	..	..
6583	8694	..	2,000,000 00	..	2,000,000 00	..	..	..
6616	8736	..	400,000 00	..	400,000 00	..	..	..
6617	8737	..	2,500,000 00	..	2,500,000 00	..	..	..
6894	9099	..	3,500,000 00	..	3,500,000 00	..	..	..
6931	7865	..	605,000 00	..	605,000 00	..	..	..
6223	8376	..	35,000 00	..	35,000 00	..	..	..
6778	9003	..	238,000 00	..	238,000 00	..	..	..
6478	8084	..	25,000 00	..	25,000 00	..	..	20,000 00
6972	..	..	20,000 00	..	..	..	..	..
6957	8302	..	38,000 00	..	38,000 00	..	..	..
6480	8615	..	50,000 00	..	50,000 00	..	..	..
6828	7874	..	1,000,000 00	..	1,000,000 00	..	..	..
6239	8315	..	5,000,000 00	..	5,000,000 00	..	..	..
6387	8446	..	10,000,000 00	..	10,000,000 00	..	..	..
6384	..	..	3,000,000 00	..	3,000,000 00	..	..	..
6486	8963	..	1,000,000 00	..	1,000,000 00	..	..	..
6761	..	..	..	..	..	..	..	..

### SUPERVISION OF STOCK ISSUES.

[illegible]

Abbreviations: A. B.=Additions and Subtractions; R.d.=Refutation; Col.=Colloquy; Recn.=Reasonableness.

"Reorg., \$31,600;"

A. B., \$2,375,000.00.

**\$23,300.00 of less 1**

\*Col., \$2,625,000.00; A. B., \$2,625,000.00. †Col., \$2,371,000.00; \$1,500,000.00. \*\*\*A. B., \$1,500,000.00.

TABLE No. 6.

WATER COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6047	8046	Stock.						
6432	8785							
8054	8363							
6069								
6716	8888		\$301,525 55	A. B.	\$301,525 55			
6478	8114			A. B.	16,000 00			
6224	8460							
6476	8736							
6366	8496		400,000 00	A. B.	400,000 00			
8444	8811							
6163	8186		300,000 00	A. B.	300,000 00			
6619	9178		19,000 00	A. B.		\$19,000 00		
6210	8283		20,000 00	Reorg.	20,000 00			
6028	8449							
6137	8384							
6797	9016							
6802	9066							
6909	9104							
6717	8899							
6718	8746		4,300 00	A. B.	4,300 00			
6719	8747		3,200 00	A. B.	3,200 00			
6720	8758		300 00	A. B.	300 00			
6368	9170		46,225 00	Reorg.	46,225 00			
6402	8524		134,300 00	A. B.	134,300 00			
6912								
6360	8091		25,000 00	A. B.	25,000 00			
6637		Butte-Butte Canal Company						
6050	8031	Utah Water and Improvement Company						
6776	8936	Western Water Company	200,000 00	A. B.	200,000 00			
5960	8055							
		Totals	\$1,363,350 56		\$1,349,300 55	\$19,000 00		

Abbreviations: A. B.—Additions and Betterments; Ref.—Refunding; Reorg.—Reorganization.



TABLE No. 6—Continued.

WATER COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
5947	8048	Bonds.						
6432	8780							
6034	8383							
6056								
6716	8938							
6478	8114							
6224	8460							
6475	8738							
6395	8495		\$300,000 00	A. B.	\$300,000 00			
6844	8811							
6163	8188							
6919	9178		25,000 00	Reorg.	25,000 00			
8310	8783							
6028	8446		125,000 00	A. B.	125,000 00			
6187	8385							
6797	9016		125,000 00	A. B.	125,000 00			
6882	9086							
6909	9104							
6717	8899							
8718	8746							
8719	8747							
8720	8756							
6388	9170							
8402	8534							
6912								
6200	8991							
6637		Utility	200,000 00	Reorg.				\$200,000 00
6060	8081							
6776	8935							
5969	8055							
Totals			\$705,000 00		\$555,000 00			\$300,000 00

Abbreviations: A. B.—Additions and Betterments; Ref.—Refunding; Reorg.—Reorganization.

TABLE No. 6—Continued.

WATER COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
5947	8048	Notes.	\$2,000 00	A. B.	\$2,000 00			
6432	8780		3,500 00	A. B.	3,500 00			
6084	8363		40,000 00	A. B.	40,000 00			
6956			50,000 00	A. B.				\$80,000 00
6716	8938							
6478	8114							
6224	8460		20,000 00	A. B.	10,000 00		\$10,000 00	
6476	8738		10,000 00	A. B.	10,000 00			
6396	8466							
6944	8911		7,000 00	Ref.	7,000 00			
6163	8188	Russian River Water Company Russian River Water Company Russian River Water Company Russian River Water Company San Jose Water Works	5,175 00	A. B.	5,175 00			
6919	9178		3,000 00	Reorg.	3,000 00			
6210	8282		6,000 00	A. B.	6,000 00			
6028	8449							
6137	8385		125,000 00	A. B.			125,000 00	
6707	9018							
6862	9066		4,000 00	A. B.	4,000 00			
6909	9104		10,000 00	A. B.	10,000 00			
6717	8890							
6718	8746							
6719	8747	Power Company Company						
6720	8756							
6386	9170							
6402	8534		32,000 00	Ref.				32,000 00
6612								
6280	8991							
6637			200,000 00	A. B.	200,000 00			
6050	8031		40,000 00	A. B.	40,000 00			
6778	8036							
5969	8066							
		Totals	\$557,675 00		\$348,675 00		\$135,000 00	\$82,000 00

Abbreviations: A. B.—Additions and Betterments; Ref.—Refunding; Reorg.—Reorganization.

TABLE No. 6—Concluded.

WATER COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 1, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
8047	8048	Total Stock, Bonds and Notes.	\$2,000 00	.....	\$2,000 00	.....	.....	.....
8432	8780		3,500 00	.....	3,500 00	.....	.....	.....
8064	8363		40,000 00	.....	40,000 00	.....	.....	.....
8066	.....		50,000 00	.....	.....	.....	.....	\$50,000 00
8716	8938		201,525 56	.....	201,525 56	.....	.....	.....
8478	8114		.....	.....	15,000 00	.....	.....	.....
8234	8480		20,000 00	.....	10,000 00	.....	\$10,000 00	.....
8475	8738		10,000 00	.....	10,000 00	.....	.....	.....
8395	8405		660,000 00	.....	660,000 00	.....	.....	.....
8644	8811		7,000 00	.....	7,000 00	.....	.....	.....
8163	8189		300,000 00	.....	300,000 00	.....	.....	.....
8019	9178		24,175 00	.....	5,175 00	\$19,000 00	.....	.....
8210	8282		48,000 00	.....	48,000 00	.....	.....	.....
8028	8449		6,000 00	.....	6,000 00	.....	.....	.....
8137	8385		125,000 00	.....	125,000 00	.....	125,000 00	.....
8787	9016		125,000 00	.....	.....	.....	.....	.....
8882	9066		4,000 00	.....	125,000 00	.....	.....	.....
8009	9104		10,000 00	.....	4,000 00	.....	.....	.....
8717	8899		4,300 00	.....	10,000 00	.....	.....	.....
8718	8746		3,200 00	.....	4,300 00	.....	.....	.....
8719	8747		800 00	.....	3,200 00	.....	.....	.....
8720	8756		45,725 00	.....	800 00	.....	.....	.....
8368	9170		134,300 00	.....	45,725 00	.....	.....	.....
8402	8824		32,000 00	.....	134,300 00	.....	.....	.....
8013	.....	Santa Rosa Water Works	.....	.....	.....	.....	.....	22,000 00
8280	8091	Sierra Valley Water Company	32,000 00	.....	25,000 00	.....	.....	.....
8657	.....	Power Company	25,000 00	.....	.....	.....	.....	.....
8350	8031	.....	200,000 00	.....	200,000 00	.....	.....	200,000 00
8776	8935	Company	40,000 00	.....	40,000 00	.....	.....	.....
8069	8065	Western Water Company	200,000 00	.....	200,000 00	.....	.....	.....
		Totals	\$2,706,025 56	.....	\$2,225,025 56	\$19,000 00	\$135,000 00	\$345,000 00

Abbreviations: A. B.—Additions and Extensions; Ref.—Refunding; Reorg.—Reorganization.

TABLE No. 7.

TELEPHONE AND TELEGRAPH COMPANIES: SHOWING STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6021	8346	Stock.	\$100 00	A. B.	\$100 00			
6231	8485		\$11,326 00	"	611,326 00			
6353	8021		15,407 00	A. B.	15,407 00			
6441	8779							
6383	8390							
8018	8079		9,460 00	A. B.	9,460 00			
8259	8550							
6042	8058		15,980 00	A. B.	15,980 00			
4915	8361		720 00	A. B.	720 00			
2828								
8019	8045		15,000 00	A. B.	15,000 00			
8187								
8187	9197		10,000 00	A. B.	10,000 00			
8187	8886		281,500 00	Reorg.	281,500 00			
8187								
8187	8911		6,500 00	A. B.				\$6,500 00
8187	8190			A. B.			\$6,000 00	
		Totals	\$645,963 00		\$645,963 00		\$6,000 00	\$6,500 00

Abbreviations: A. B.—Additions and Betterments; Reorg.—Reorganization.

\*A. B., \$100,000.00; Reorg., \$511,326.00.

TABLE No. 7—Continued.

TELEPHONE AND TELEGRAPH COMPANIES: SHOWING STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
Bonds.								
8021	8340		8329,200 00	Reorg.	8329,200 00			
8231	8685							
8063	8021							
8041	8779							
8258	8380							
6018	8079							
8280	8550		103,500 00	A. B.	103,500 00			
8642	8068							
4916	8361							
3826				Reorg.				89,000 00
6019	8046							
8366								70,000 00
8287			15,000 00	A. B.				15,000 00
8022	9197							
5027	8805				205,000 00			
8350			7,000 00	A. B.				7,000 00
8002								
8487	8011							
8359	8199							
Totals			\$854,700 00		\$1,197,700 00		\$5,000 00	\$101,000 00

Abbreviations: A. B.—Additions and Betterments; Reorg.—Reorganization.

†Reorg., \$198,000.00; A. B., \$72,000.00. ‡Reorg., \$5,000.00. \*\*Reorg., \$35,000.00; A. B., \$35,000.00.

TABLE No. 7—Continued.

TELEPHONE AND TELEGRAPH COMPANIES: SHOWING STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND REMOVED ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6021	8340	.....	.....	.....	.....	.....	.....	.....
6201	8685	.....	.....	.....	.....	.....	.....	.....
6053	8621	.....	\$35,447 44	A. B.	\$35,447 44	.....	.....	.....
6041	8779	.....	4,500 00	A. B.	4,500 00	.....	.....	.....
6236	8380	.....	500,000 00	A. B.	500,000 00	.....	.....	.....
6018	8079	.....	.....	.....	.....	.....	.....	.....
6289	8350	.....	.....	.....	.....	.....	.....	.....
6042	8958	.....	.....	.....	.....	.....	.....	.....
4915	8301	.....	.....	.....	.....	.....	.....	.....
3826	8045	.....	.....	A. B.	.....	.....	.....	\$15,000 79
6019	.....	.....	.....	.....	.....	.....	.....	.....
3966	.....	.....	.....	.....	.....	.....	.....	.....
6287	.....	.....	.....	.....	.....	.....	.....	.....
6023	9197	.....	.....	.....	.....	.....	.....	.....
5027	8085	.....	.....	.....	.....	.....	.....	.....
6350	.....	.....	.....	.....	.....	.....	.....	.....
6002	.....	.....	.....	.....	.....	.....	.....	.....
5487	8011	.....	.....	A. B.	15,000 00	.....	.....	.....
6269	8190	.....	.....	.....	.....	.....	.....	.....
Totals.....			\$520,947 44	.....	\$844,947 44	.....	.....	\$15,000 79

Abbreviations: A. B.—Additions and Betterments; Reorg.—Reorganization.

## SUPERVISION OF STOCK ISSUES.

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TABLE No. 7—Concluded.

TELEPHONE AND TELEGRAPH COMPANIES: SHOWING STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6021	8040	Total Stock, Bonds and Notes.	\$100 00		\$100 00			
6031	8085		1,440,526 00		1,440,526 00			
6083	8021		40,854 44		40,854 44			
6641	8779		4,500 00		4,500 00			
6258	8380		500,000 00		500,000 00			
6018	8076		9,400 00		9,400 00			
6289	8550		103,500 00		103,500 00			
6043	8058		15,950 00		15,950 00			
4915	8361		720 00		720 00			
3826							\$24,050 79	
6019	8045		15,000 00		15,000 00			
3865							70,000 00	
6287			15,000 00		15,000 00			
6023	9197		10,000 00		10,000 00			
5027	8006		281,500 00		546,500 00		5,000 00	
6350		Totals.....	7,000 00					\$7,000 00
6902			6,500 00					6,500 00
5487	8011				15,000 00		6,000 00	
5259	8190							
			\$2,450,810 44		\$2,702,110 44		\$31,000 00	\$122,550 79

Abbreviations: A. B.—Additions and Betterments, Reorg.—Reorganization.

TABLE No. 8.

PIPE LINE COMPANIES: SHOWING STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920, TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
2356 2721	3782 8529	Stock.						
		Coalinga Homestake Oil Company.....	.....	.....	.....	.....	.....	.....
		Pacific Pipe Line Company.....	.....	.....	.....	.....	.....	.....
		Totals.....	.....	.....	.....	.....	.....	.....
2356 2721	3782 8529	Bonds.						
		Coalinga Homestake Oil Company.....	.....	A. B.	.....	.....	\$3,000,000 00	.....
		Pacific Pipe Line Company.....	.....	.....	.....	.....	.....	.....
		Totals.....	.....	.....	.....	.....	\$3,000,000 00	.....
2356 2721	3782 8529	Notes.						
		Coalinga Homestake Oil Company.....	.....	A. B.	.....	.....	\$5,000 00	.....
		Pacific Pipe Line Company.....	.....	.....	.....	.....	.....	.....
		Totals.....	.....	.....	.....	.....	\$5,000 00	.....
2356 2721	3782 8529	Total Stock, Bonds and Notes.						
		Coalinga Homestake Oil Company.....	.....	.....	.....	.....	\$5,000 00	.....
		Pacific Pipe Line Company.....	.....	.....	.....	.....	3,000,000 00	.....
		Totals.....	.....	.....	.....	.....	\$3,005,000 00	.....

Abbreviations: A. B.—Additions and Betterments.





TABLE No. 10.

WAREHOUSE COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6215	8293	Alpsugh Warehouse and Milling Company	\$9,150 00	A. B.	\$9,150 00			
6013	8158	Arrowhead Warehouse Company	300 00	A. B.	300 00			
6640	8989	City Transfer and Storage Company	28,800 00	A. B.	28,800 00			
5540		City Transfer and Storage Company <sup>1</sup>		A. B.			\$100,000 00	
5630	8343	Farmer's Alliance Business Association <sup>1</sup>		A. B.	3,200 00			
6346	8496	First Warehouse Company	10,000 00	A. B.	10,000 00			
5878	8054		25,000 00	A. B.	25,000 00			
6891	9129		100,000 00	A. B.	100,000 00			
5697	8769	any	25,000 00	A. B.	25,000 00			
6707	8890	f.	200,000 00	A. B.	200,000 00			
6783	9140		50,000 00	A. B.	40,000 00	\$10,000 00		
6925	9160		200,000 00	A. B.	196,000 00	5,000 00		
6899	9149		50,000 00	A. B.	50,000 00			
6249	8373		50,000 00	A. B.	50,000 00			
6294	8769		200,000 00	A. B.	200,000 00			
		Totals	\$948,250 00		\$936,450 00	\$15,000 00	\$100,000 00	

Abbreviations: A. B.—Additions and Betterments; Ref.—Refunding; Col.—Collateral; Reorg.—Reorganization.

<sup>1</sup>Applied for prior to July 1, 1920. <sup>2</sup>Adjustment of entry made in 1920.

TABLE No. 10—Continued.  
WAREHOUSE COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921—Continued.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6315	8293	Bonds.						
6013	8188							
6449	8089							
5840								
5830	8343							
6346	8406							
5879	8084							
5801	9129							
5697	8769							
5707	8890							
6783	9140							
6925	9189							
6899	9149							
6249	8373							
6204	8769							
Totals								

Abbreviations: A. B.—Additions and Betterments; Ref.—Refunding; Col.—Collateral; Reorg.—Reorganization.  
<sup>1</sup>Applied for prior to July 1, 1920. <sup>2</sup>Adjustment of entry made in 1920.

TABLE No. 10—Continued.

WAREHOUSE COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6215	8293	Metan.	.....	.....	.....	.....	.....	.....
6013	8158		.....	.....	.....	.....	.....	.....
6540	8080		.....	.....	.....	.....	.....	.....
5540	.....		.....	.....	.....	.....	.....	.....
5630	8343		.....	.....	.....	.....	.....	.....
6346	8406		.....	.....	.....	.....	.....	.....
5879	8064		.....	.....	.....	.....	.....	.....
6301	9129		.....	.....	.....	.....	.....	.....
6007	8768		.....	.....	.....	.....	.....	.....
6707	8690		.....	.....	.....	.....	.....	.....
6783	9140		.....	.....	.....	.....	.....	.....
6925	9180		.....	.....	.....	.....	.....	.....
6899	9149		.....	.....	.....	.....	.....	.....
6249	8373		.....	.....	.....	.....	.....	.....
6294	8780		.....	.....	.....	.....	.....	.....
Totals.....			.....	.....	.....	.....	.....	.....

Abbreviations: A. B.—Additions and Betterments; Ref.—Refunding; Col.—Collateral; Reorg.—Reorganization.

<sup>1</sup>Applied for prior to July 1, 1920. <sup>2</sup>Adjustment of entry made in 1920.

TABLE No. 10—Concluded.

WAREHOUSE COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6215	8303	A.	\$9,150 00	.....	\$9,150 00	.....	.....	.....
6013	8158	"	300 00	.....	300 00	.....	.....	.....
6340	8069	"	28,800 00	.....	28,800 00	.....	.....	.....
5540	.....	"	.....	.....	.....	.....	\$100,000 00	.....
5630	8343	"	.....	.....	3,200 00	.....	.....	.....
6345	8406	"	10,000 00	.....	10,000 00	.....	.....	.....
5570	8054	"	25,000 00	.....	25,000 00	.....	.....	.....
5801	8120	"	100,000 00	.....	100,000 00	.....	.....	.....
6597	8769	"	25,000 00	.....	25,000 00	.....	.....	.....
5707	8890	"	200,000 00	.....	200,000 00	.....	.....	.....
5783	9140	"	50,000 00	.....	40,000 00	10,000 00	.....	.....
6925	9189	"	200,000 00	.....	195,000 00	5,000 00	.....	.....
6809	9149	"	50,000 00	.....	50,000 00	.....	.....	.....
8349	8373	"	50,000 00	.....	50,000 00	.....	.....	.....
6394	8769	"	200,000 00	.....	200,000 00	.....	.....	.....
Totals.....			\$948,250 00	.....	\$934,450 00	\$15,000 00	\$100,000 00	.....

Abbreviations: A. S.—Additions and Betterments; Ref.—Refunding; Col.—Collateral; Reorg.—Reorganization.

<sup>1</sup>Applied for prior to July 1, 1920. <sup>2</sup>Adjustment of entry made in 1920.

## REPORT OF CALIFORNIA RAILROAD COMMISSION.

TABLE No. 11.

MOTOR TRANSPORTATION COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6361	8503	Auto Transit Company	\$5,000 00	A. B.	\$5,000 00			
6371	7975	Bakersfield and Los Angeles Fast Freight Co. <sup>1</sup>		A. B.	5,000 00			
6341	8370	B. and H. Transportation Company	200,000 00	A. B.	200,000 00			
6096	8715	Coast Truck Lines	15,000 00	A. B.	13,350 00	\$1,650 00		
6858		Coast Truck Lines	4,000 00	A. B.				4,000 00
6052			27,750 00	A. B.				27,750 00
5919	8279		36,000 00	A. B.	30,000 00	6,000 00		
6156	8469		27,560 00	A. B.	22,500 00		\$5,000 00	
6821	7838	Incorporated			20,000 00			
5904	8210		105,000 00	A. B.	105,000 00			
6298	8886		42,182 00	Reorg.	42,182 00			
6627			100,000 00	Reorg.				100,000 00
6560	8934		30,000 00	A. B.	30,000 00			
6757	9001		80,000 00	A. B.			80,000 00	
6949	9192		10,503 00	A. B.	10,503 00			
5163	8150		158,000 00	A. B.	263,500 00			
6471	8749		100,000 00	A. B.	100,000 00			
6434	8838		51,500 00	A. B.	51,500 00			
4944	6843		51,500 00	A. B.	40,000 00	40,000 00		
		Totals	\$990,495 00		\$933,535 00	\$47,850 00	\$85,000 00	\$131,750 00

<sup>1</sup>\$217,500.00 applied for prior to July 1, 1920. <sup>2</sup>Applied for prior to July 1, 1920.

TABLE No. 11—Continued.

MOTOR TRANSPORTATION COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6261	8503	Bonds. Auto Transit Company						
6271	7976	Bakersfield and Los Angeles Fast Freight Co. <sup>1</sup>						
6241	8570	B. and H. Transportation Company						
6096	8716	Coast Truck Lines						
6858		Coast Truck Lines						
6952								
5919	8279							
6106	9499	Incorporated						
5821	7836							
5904	8210							
6309	9896							
6527								
6580	8934		\$40,000 00	A. B.	\$30,000 00		\$10,000 00	
6787	9001							
6949	9192							
6163	8160							
6471	8749							
6434	8838							
4944	6948							
		Totals.....	\$40,000 00		\$30,000 00		\$10,000 00	

<sup>1</sup>Applied for prior to July 1, 1920.

TABLE No. 11—Continued.

MOTOR TRANSPORTATION COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6361	8503	Auto Transit Company	.....	.....	.....	.....	.....	.....
6371	7975	Bakersfield and Los Angeles Fast Freight Co. <sup>1</sup>	.....	.....	.....	.....	.....	.....
6341	8370	B. and H. Transportation Company	.....	.....	.....	.....	.....	.....
6096	8715	Coast Truck Lines	.....	.....	.....	.....	.....	.....
6348	.....	Coast Truck Lines	.....	.....	.....	.....	.....	.....
6062	.....	.....	.....	.....	.....	.....	.....	.....
5919	8279	.....	.....	.....	.....	.....	.....	.....
6166	8469	.....	.....	.....	.....	.....	.....	.....
5821	7838	Incorporated	.....	.....	.....	.....	.....	.....
5904	8210	.....	.....	.....	.....	.....	.....	.....
6399	8886	.....	.....	.....	.....	.....	.....	.....
6527	.....	.....	.....	.....	.....	.....	.....	.....
6580	8934	.....	.....	.....	.....	.....	.....	.....
6757	9001	.....	.....	.....	.....	.....	.....	.....
6949	9192	.....	.....	.....	.....	.....	.....	.....
6163	8150	.....	.....	.....	.....	.....	.....	.....
6471	8749	.....	.....	.....	.....	.....	.....	.....
6434	8838	.....	.....	.....	.....	.....	.....	.....
6944	6848	Western Motor Transport Company <sup>1</sup>	.....	.....	.....	.....	.....	.....
		Totals.....	.....	.....	.....	.....	.....	.....

<sup>1</sup>Applied for prior to July 1, 1920.



TABLE No. 11—Concluded.

MOTOR TRANSPORTATION COMPANIES: STOCK, BONDS AND NOTES APPLIED FOR, AUTHORIZED, DENIED AND DISMISSED BY THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA FROM JULY 1, 1920 TO JUNE 30, 1921, AND PENDING ON JUNE 30, 1921.

Application number	Decision number	Name of utility	Applied	Purpose	Authorized	Denied	Dismissed	Pending
6361	8503	Total Stock, Bonds and Notes.	\$3,000 00		\$3,000 00			
5871	7975				5,000 00			
6241	8370		200,000 00		200,000 00			
6006	8716		15,000 00		13,350 00	\$1,650 00		
6368			4,000 00					\$4,000 00
6362			27,760 00					27,760 00
5919	8279		36,000 00		30,000 00	6,000 00		
6166	8469	Incorporated	27,560 00		22,500 00		\$5,060 00	
5821	7838				20,000 00			
5964	8310				105,000 00			
6399	8386		105,000 00		42,162 00			
6327			42,162 00					
6680			100,000 00					100,000 00
6757	9034	1.	70,000 00		60,000 00		10,000 00	
6949	9001		80,000 00				80,000 00	
6163	9192		10,503 00		10,503 00			
6471	8160		158,000 00		283,500 00			
6434	8749		100,000 00		100,000 00			
4944	8838		51,500 00		51,000 00			
	6848				40,000 00	40,000 00		
		Totals.....	\$930,405 00			\$47,650 00	\$96,000 00	\$131,750 00

<sup>1</sup>\$217,500.00 applied for prior to July 1 1920. <sup>2</sup>Applied for prior to July 1, 1920.

**PERCENTAGES.**

Of the securities applied for, 31.78 per cent represented stock, 65.49 per cent bonds, 2.13 per cent notes and .6 per cent certificates of indebtedness.

Of the securities authorized, 43.84 per cent represented stock, 51.61 per cent bonds and 4.45 per cent notes.

Of the securities denied, 7.59 per cent represented stock and 92.41 per cent bonds.

Of the securities dismissed, 3.33 per cent represented stock, 96.05 per cent bonds and .62 per cent notes.

Of the securities pending, 9.03 per cent represented stock, 44.06 per cent bonds, 41.52 per cent notes and 5.39 per cent certificates of indebtedness.

**COMMENTS.****Opinions and orders.**

The Commission's decisions authorizing the issue of stocks and securities are published in pamphlet form and also in the volume entitled "Opinions and Orders of the Railroad Commission of California." Copies of either can, upon payment of the charges, be secured by addressing the Railroad Commission.

**Additions and betterments, \$94,124,945.91.**

The high cost of fuel oil and the desire and necessity for its conservation has stimulated the construction of hydroelectric power plants. The rapid increase in population has necessitated the expenditure of large sums of moneys for distribution lines and facilities. To finance permanently the acquisition and construction of properties, the Southern California Edison Company was authorized to issue \$10,000,000 of common stock and \$10,000,000 of bonds; Pacific Gas and Electric Company \$9,000,000 of 6 per cent preferred stock and jointly with the Mount Shasta Power Corporation \$11,000,000 of bonds; Los Angeles Gas and Electric Corporation \$3,000,000 of 6 per cent preferred stock and \$6,400,000 of bonds; Great Western Power Company of California \$7,000,000 of bonds; San Diego Consolidated Gas and Electric Company \$932,000 of stock and jointly with the San Diego Gas and Electric Company \$3,250,000 of bonds; San Joaquin Light and Power Corporation \$7,000,000 of bonds; Southern California Gas Company \$1,500,000 of bonds; Southern Counties Gas Company of California \$1,250,000 of 8 per cent preferred stock and \$750,000 of bonds; the Southern Sierras Power Company \$1,484,739.35 of bonds and California Oregon Power Company \$1,849,000 of bonds. Mention is being made only of a few of the larger issues of stocks and bonds authorized by the Railroad Commission.

**Collateral, \$18,646,500.**

During the year it has become necessary for companies engaged in extensive construction work, because of high interest rates, to refinance themselves to the extent of executing new mortgages and providing for new bond issues. The mortgages of several companies under which they were partly financing the acquisition and construction of properties prior to and during the earlier part of the war period, contain provisions which prohibit payment of interest on bonds in excess of

five or six per cent per annum. Rather than sell a five or six per cent bond at what is considered by many a ruinous discount, the Pacific Gas and Electric Company, San Joaquin Light and Power Corporation, Southern California Gas Company and San Diego Consolidated Gas and Electric Company have executed new mortgages which provide for the issue of bonds at such rates of interest as may from time to time be determined by the board of directors. The mortgages contain other features which may be altered to meet market conditions. In each instance the mortgages contain a provision which prohibits the issue and sale of additional underlying bonds. Under the terms of the new mortgages, the underlying bonds which may be issued from time to time must be deposited with the trustee under the new mortgages as collateral security for the payment of the new bonds. This form of financing accounts in part for the amount of bonds issued for collateral purposes.

**Reorganization, \$49,886,751.**

California-Oregon Power Company was authorized to sell its properties to The California Oregon Power Company in exchange for \$4,440,000 of common and \$2,220,000 of preferred stock and the assumption of the old company's liabilities by the new company. The capitalization of the properties through the transfer was reduced by the sum of \$7,475,252.07.

The Commission authorized the transfer of the properties of the United Railroads of San Francisco to the Market Street Railway Company. In so doing, the capitalization of these properties was reduced by the sum of \$34,674,000. The Market Street Railway Company was authorized to issue \$32,150,000 of stock, \$3,525,000 of bonds and \$5,200,000 of 6 per cent notes in exchange for stock and bonds of the United Railroads of San Francisco. The \$6,641,000 of Market Street Railway Company 5 per cent bonds outstanding at the time of the reorganization were not refunded through the transfer of the properties.

The Associated Telephone Company was permitted to issue \$511,326 of stock and \$829,200 of bonds to refund outstanding stock and bonds of the Union Home Telephone and Telegraph Corporation.

The Commission's decisions contain complete information regarding the issue of stock, bonds, notes and other evidences of indebtedness for the purpose of refinancing public utility properties or for other purposes.

## CHAPTER V.

## FINANCIAL CONDITION OF CALIFORNIA UTILITIES.

During the year ending December 31, 1920, the operating revenues of steam railroads, electric railways, gas, electric, water, telephone, telegraph and warehouse companies, wharfingers and water carriers filing annual reports with the Railroad Commission total \$735,048,863.85 as compared with \$661,081,459.66 during 1919. The increase in operating revenues amounted to \$73,967,404.19. During the same period the operating expenses, however, increased by the sum of \$103,210,952.28, with the result that the net revenue of the companies for 1920 was \$29,243,558.09 less than during 1919. The operating expenses for 1920 are reported by the companies at \$599,015,657.20 and for 1919 at \$495,804,694.92, whereas the net operating revenues are reported at \$136,033,206.65 and at \$165,276,764.74 respectively.

Table No. 12 shows that steam railroads reported operating revenues of \$402,610,334.35 for 1920 and operating expenses of \$339,506,274.15, leaving net operating revenues of \$63,104,060.29, as compared with \$98,552,618.99 for 1919. The net operating revenues of steam railroads represent the amount available to pay taxes, interest and other fixed charges. The operating revenues include only earnings from transportation. Both the operating revenues and operating expenses of steam railroads include the total earnings of The Atchison, Topeka and Santa Fe Railway Company, Los Angeles and Salt Lake Railroad Company, Southern Pacific Company—Pacific System, The Western Pacific Railroad Company, Nevada-California-Oregon Railway Company, San Diego and Arizona Railway Company and Tonopah and Tidewater Railroad Company, all of which companies operate within and without the boundaries of the State of California. Records on file with the Commission indicate that steam railroads earned during 1920 approximately \$181,763,159.49 from freight and passenger business in California as compared with \$152,627,000 during 1919. During 1920 they expended for operating purposes, exclusive of taxes, approximately \$152,517,000 in California as compared with \$121,920,000 during 1919. The net operating revenue for 1920 in California business is reported at about \$29,245,000 as compared with \$30,707,000 for 1919.

Electric railways for 1920 report net operating revenues of \$10,720,424.97 as compared with \$7,610,332.09 for 1919, the increase amounting to \$3,110,072.88. The net operating revenues of electric railways represent the amount available for taxes, interest, other fixed charges and dividends.

Water companies for 1920 report net operating revenues of \$3,954,999.09 as compared with \$4,201,478.83 for 1919, the decrease in net amounting to \$246,479.74.

Electric companies report for 1920 net operating revenues of \$21,510,315.36 and for 1919 \$17,992,555.04, the increase in net amounting to \$3,517,760.32.

Gas companies for 1920 report net operating revenues of \$5,411,828.89 and for 1919 \$5,862,316.06, the decrease in net amounting to \$450,487.17.

Telephone and telegraph companies filing reports with the Railroad Commission report for 1920 total operating revenues of \$160,053,741.26 and operating expenses amounting to \$129,308,151.98, leaving net operating revenues of \$30,745,589.28 as compared with \$30,093,659.95 for 1919. The Pacific Telephone and Telegraph Company and the Western Union Telegraph Company in their annual reports filed with the Commission do not segregate the revenues from, or the expenses on account of, their California business. The operating revenues and expenses of telephone and telegraph companies in Table No. 12 and other tables following include the total earnings of the Western Union Telegraph Company and The Pacific Telephone and Telegraph Company. The operating revenues of the former for 1920 are reported at \$119,991,825.26 and of the latter at \$29,956,751.60 as compared with \$102,577,813.68 and \$24,956,472.96 respectively for the year 1919. The net operating revenues of the Western Union Telegraph Company for 1920 are reported at \$21,483,234.33 and of The Pacific Telephone and Telegraph Company at \$7,984,043.89. The net operating revenues of the telephone and telegraph companies represent the amount available for the payment of taxes, interest, other fixed charges and dividends.

Warehouses, wharfingers and water carriers in reports filed with the Railroad Commission for 1920 show gross operating revenues of \$22,239,844.80 as compared with \$7,669,329.88 for 1919. The increase in the operating revenues is accounted for partly by the fact that the 1920 figures include the operating revenues of the Pacific Steamship Company, which are reported at \$11,427,449.71.

Table No. 12, which follows, contains a summary of the operating revenues, operating expenses and net operating revenues of certain public utilities filing annual reports with the Railroad Commission. Complete detail is found in Part Two of this report.

TABLE No. 12.

SUMMARY OF OPERATING REVENUES AND EXPENSES AND NET OPERATING REVENUES OF CERTAIN CALIFORNIA PUBLIC UTILITIES, 1919-1920. (DETAIL FIGURES FOR 1920 IN PART TWO OF THIS VOLUME.

	1919	1920
Water companies:		
Operating revenues.....	\$11,691,827 77	\$12,225,249 83
Operating expenses.....	7,490,348 94	8,270,250 74
Net operating revenue.....	\$4,201,478 83	\$3,954,999 09
Electric companies:		
Operating revenues.....	\$47,148,389 71	\$59,100,628 65
Operating expenses.....	29,155,834 67	37,590,313 29
Net operating revenue.....	\$17,992,555 04	\$21,510,315 36
Gas companies:		
Operating revenues.....	\$24,469,033 06	\$28,837,400 06
Operating expenses.....	18,606,717 00	23,425,571 17
Net operating revenue.....	\$5,862,316 06	\$5,411,828 89
Telephone and telegraph companies:		
Operating revenues.....	\$135,909,389 56	\$160,053,741 26
* Operating expenses.....	105,815,729 61	129,308,151 96
Net Operating Revenue.....	\$30,093,659 95	\$30,745,589 28
Steam railroads		
Operating revenues.....	\$392,838,955 37	\$402,610,334 35
*Operating expenses.....	294,286,336 38	339,506,274 15
Net operating revenue.....	\$98,552,618 99	\$63,104,060 20
Electric railroads:		
Operating revenues.....	\$41,354,534 31	\$49,981,664 90
*Operating expenses.....	33,744,202 22	39,261,259 93
Net operating revenue.....	\$7,610,332 09	\$10,720,404 97
Warehouses, wharfingers and water carriers:		
Operating revenues.....	\$7,669,329 88	\$22,239,844 80
Operating expenses.....	6,705,526 10	21,653,835 94
Net operating revenue.....	\$963,803 78	\$586,008 86
Totals:		
Operating revenues.....	\$661,081,459 66	\$735,048,863 85
Operating expenses.....	495,804,694 92	599,015,657 20
Net operating revenues.....	\$165,276,764 74	\$136,033,206 65

\*Taxes not included in operating expenses of steam and electric railroads. Included in all other public utility operating expenses.

Table No. 13, following, shows the net operating revenues of certain classes of utilities for the yer 1920 as compared with the year 1919.

TABLE No. 13.

NET OPERATING REVENUES OF CERTAIN PUBLIC UTILITIES OPERATING IN CALIFORNIA, 1919-1920

	1919	1920
Water companies.....	\$4,201,478 83	\$3,954,999 09
Electric companies.....	17,992,555 04	21,510,315 36
Gas companies.....	5,862,316 06	5,411,828 89
*Telephone and telegraph companies.....	30,093,659 95	30,745,589 28
*Steam railroads.....	98,552,618 99	63,104,060 20
*Warehouses, wharfingers and water carriers.....	963,803 78	586,008 86
Electric railways.....	7,610,332 09	10,720,404 97
Totals.....	\$165,276,764 74	\$136,033,206 65

\*Includes interstate business of interstate companies.

For 1918 the net operating revenues of the various companies were reported at \$156,903,892.79 and for 1917 at \$178,071,844.40.

EXTENSIONS AND IMPROVEMENTS.

Steam railroads, electric railways, electric, gas, water, telephone and telegraph companies report additions to capital account during 1920 in the amount of \$84,653,289.24. The additions to capital account reported by these companies from 1913 to 1920 inclusive amount to \$681,728,723.65. This, of course, includes the total additions to capital account of interstate carriers and other companies doing an interstate as well as an intrastate business. Table No. 14, following, shows a summary of the increase in fixed capital accounts of certain classes of public utilities reporting to the Railroad Commission.

TABLE No. 14.

INCREASE IN FIXED CAPITAL OF CERTAIN CALIFORNIA PUBLIC UTILITIES, 1913 to 1920, INCLUSIVE.

	1913 to 1920, inclusive	1920	Total 1913 to 1920, inclusive
Steam railroads.....	\$192,981,344 79	\$29,019,130 75	\$222,000,475 54
Electric railways.....	26,901,664 86	2,729,790 31	29,631,455 17
Electric companies.....	207,155,367 69	17,583,890 24	224,739,257 93
Gas companies.....	31,240,880 42	6,424,642 65	37,665,523 07
Telephone and telegraph companies.....	117,008,457 24	25,947,492 94	142,955,950 18
Water companies.....	21,787,719 41	2,948,342 35	24,736,061 76
Totals.....	\$597,075,434 41	\$84,653,289 24	\$681,728,723 65

NOTE—Entire system of interstate roads.

A segregation of the increase in the fixed capital accounts for 1920 of steam railroads, electric railways, electric, gas, water, telephone and telegraph companies is shown in the following tables:

TABLE No. 15.

STEAM RAILROADS: ADDITIONS, BETTERMENTS AND EXTENSIONS FOR YEAR 1920.

The Atchison, Topeka and Santa Fe Railway Company.....	\$13,296,863 17
California Southern Railroad Company.....	169,723 73
California Western Railroad and Navigation Company.....	37,210 90
Central Pacific Railway Company.....	1,638,585 31
Hetch Hetchy Railroad.....	467,934 28
Inter California Railway Company.....	183,230 26
Los Angeles and Salt Lake Railroad Company.....	497,893 07
McCloud River Railroad Company.....	25,733 54
Minkler Southern Railway Company.....	572,489 32
Northwestern Pacific Railroad Company.....	423,670 37
San Diego and Arizona Railway Company.....	976,622 32
San Joaquin and Eastern Railroad Company.....	85,023 59
Sierra Railway Company of California.....	31,265 82
Southern Pacific Company.....	7,052,555 88
Southern Pacific Railroad Company.....	2,375,486 75
Tonopah and Tidewater Railroad Company.....	17,363 53
The Western Pacific Railroad Company.....	1,058,465 93
	\$28,910,117 74
All other companies.....	109,013 01
Total.....	\$29,019,130 75



TABLE No. 16.

## ELECTRIC RAILWAYS: ADDITIONS, BETTERMENTS AND EXTENSIONS FOR THE YEAR 1920.

Central California Traction Company.....	\$42,823	24
Fresno Traction Company.....	32,115	70
Los Angeles Railway Corporation.....	409,061	58
Pacific Electric Railway Company.....	803,090	82
Sacramento Northern Railroad.....	281,252	25
San Francisco, Napa and Calistoga Railway.....	49,185	07
San Francisco, Oakland Terminal Railways.....	175,850	90
San Francisco and Sacramento Railroad Company.....	261,491	06
Tidewater Southern Railway Company.....	20,384	87
	<hr/>	
All other companies.....	\$2,075,255	48
	*654,534	83
	<hr/>	
Total.....	\$2,729,790	31

TABLE No. 17.

## ELECTRIC COMPANIES: ADDITIONS, BETTERMENTS AND EXTENSIONS FOR THE YEAR 1920.

Amador Electric Light and Power Company.....	\$11,095	31
California Oregon Power Company.....	238,074	17
California Telephone and Light Company.....	66,528	76
Coast Counties Gas and Electric Company.....	115,640	16
Coast Valleys Gas and Electric Company.....	145,625	86
Great Western Power Company of California.....	842,448	02
Holton Power Company.....	100,176	79
Los Angeles Gas and Electric Corporation.....	478,835	65
Midland Counties Public Service Corporation.....	238,381	64
Ontario Power Company.....	130,321	23
Pacific Gas and Electric Company.....	2,995,821	31
San Diego Consolidated Gas and Electric Company.....	513,690	61
San Joaquin Light and Power Corporation.....	1,358,851	45
Santa Barbara Electric Company.....	42,687	64
Snow Mountain Water and Power Company.....	30,197	04
Southern California Edison Company.....	8,514,487	95
The Southern Sierras Power Company.....	818,060	27
Universal Electric and Gas Company.....	206,385	41
Vallejo Electric Light and Power Company.....	74,250	89
Western States Gas and Electric Company.....	623,162	96
	<hr/>	
All other companies.....	\$17,544,723	72
	39,166	52
	<hr/>	
Total.....	\$17,583,890	24

TABLE No. 18.

## GAS COMPANIES: ADDITIONS, BETTERMENTS AND EXTENSIONS FOR THE YEAR 1920.

Central Counties Gas Company.....	\$18,444	03
Coast Counties Gas and Electric Company.....	20,985	28
Coast Valleys Gas and Electric Company.....	49,406	89
Contra Costa Gas Company.....	57,268	33
Hanford Gas and Power Company.....	19,004	91
Los Angeles Gas and Electric Company.....	1,527,630	59
Midway Gas Company.....	560,265	89
Modesto Gas Company.....	77,017	52
Pacific Gas and Electric Company.....	1,451,686	50
River Bend Gas and Water Company.....	37,657	97
San Diego Consolidated Gas and Electric Company.....	300,272	37
San Joaquin Light and Power Corporation.....	62,612	12
Southern California Gas Company.....	921,513	72
Southern Counties Gas Company of California.....	677,182	63
Western States Gas and Electric Company.....	126,010	09
	<hr/>	
All other companies.....	\$5,906,958	84
	517,683	81
	<hr/>	
Total.....	\$6,424,642	65

\*Includes \$572,282.48 of United Railroads of San Francisco which was charged off to depreciation reserve.



TABLE No. 19.

TELEPHONE AND TELEGRAPH COMPANIES: ADDITIONS, BETTERMENTS AND EXTENSIONS  
FOR THE YEAR 1920.

California Telephone and Light Company.....	\$7,282 66
Colusa County Telephone Company.....	10,788 67
Colorado River Telephone Company.....	21,272 27
Federal Telegraph Company.....	60,258 08
Home Telephone Company of Covina.....	16,722 00
Home Telephone and Telegraph Company of Pasadena.....	83,481 17
Interstate Telegraph Company.....	8,282 93
Kern Mutual Telephone Company.....	7,243 62
Lindsey Home Telephone and Telegraph Company.....	6,497 41
Los Gatos Telephone Company.....	7,380 48
Monrovia Telephone and Telegraph Company.....	4,702 66
Oxnard Home Telephone Company.....	5,902 47
The Pacific Telephone and Telegraph Company.....	5,493,260 22
Pomona Valley Telephone and Telegraph Union.....	19,677 00
Redondo Home Telephone Company.....	6,218 82
Reedley Telephone Company.....	17,473 28
Sacramento Valley Telephone Company.....	13,671 54
San Fernando Telephone and Telegraph Company.....	5,553 51
Santa Barbara Telephone Company.....	72,787 34
Santa Paula Home Telephone Company.....	6,207 40
Southern California Telephone Company.....	1,376,832 69
Southwestern Home Telephone Company.....	18,905 61
The Tulare Home Telephone and Telegraph Company.....	13,865 12
United States Long Distance Telephone and Telegraph Company.....	21,232 35
Western Union Telegraph Company.....	18,304,386 91
Whittier Home Telephone and Telegraph Company.....	6,510 70
	<hr/>
All other companies.....	\$25,616,396 91
	331,096 03
	<hr/>
Total.....	\$25,947,492 94

TABLE No. 20.

## WATER COMPANIES: ADDITIONS, BETTERMENTS AND EXTENSIONS FOR THE YEAR 1920.

Bear Gulch Water Company.....	\$30,396 96
Belvedere Water Company.....	25,258 80
Benicia Water Company.....	20,286 02
Beverly Hills Utilities Company.....	10,679 68
The Campbell Water Company.....	7,176 66
City Water Company of Ocean Park.....	9,891 43
Claremont Domestic Water Company.....	13,388 34
Conservative Water Company.....	20,813 67
Consolidated Water Company of Pomona.....	9,075 45
Coronado Water Company.....	10,725 20
Cuyamaca Water Company.....	183,299 22
East Bay Water Company.....	1,018,904 25
The Electric Water Company.....	23,384 27
El Segundo Water Company.....	17,722 41
Farmers Irrigation Company.....	32,060 24
Fresno City Water Corporation.....	83,967 92
Hanford Water Company.....	27,900 00
Hercules Water Company.....	10,869 71
Huntington Beach Water Company.....	14,314 79
Imperial Utilities Corporation.....	19,027 14
Lake Hemet Water Company.....	22,449 67
The Monterey County Water Works.....	19,020 63
Napa City Water Company.....	9,062 22
North Fork Ditch Company.....	9,981 74
Pasadena Consolidated Water Company.....	23,002 52
Petaluma Power and Water Company.....	18,100 30
Port Costa Water Company.....	141,718 45
San Jose Water Works.....	161,268 43
South San Francisco Water Company.....	34,078 40
Southern California Edison Company.....	20,344 26
Spring Valley Water Company.....	243,067 88
Sutter Butte Canal Company.....	143,369 06
The Union Water Company of California.....	20,309 04
Western Water Company.....	31,045 46
Willits Water and Power Company.....	12,894 67
	<hr/>
All other companies.....	\$2,498,854 89
	449,487 46
	<hr/>
Total.....	\$2,948,342 35

## CHAPTER VI.

## ENGINEERING DEPARTMENT.

The work of the Engineering Department of the Commission during the year ending June 30, 1921, is not marked by any radical departure from the work of the past several years. As is usual, valuations of utilities have been made and more or less lengthy investigations made in connection with rate proceedings.

The work of the Engineering Department is reported under several heads—that relating to electric and gas utilities being reported under the caption “Gas and Electrical Division”; that relating to water utilities being reported under “Hydraulic Division” and similarly, that relating to telephone and telegraph utilities being reported under “Telephone Division,” except certain special investigations which have been supervised more directly by the Chief Engineer.

The work done by the Engineering Department in connection with transportation utilities has been confined to railroads and warehouses, no work having been done in connection with automobile transportation.

The more important valuation work has been the completion of the valuation of the properties of the Pacific Electric Railway Company; of the Sacramento Street Railway, the property of the Pacific Gas and Electric Company; cold storage warehouses of Los Angeles Ice and Cold Storage Company, Merchants Ice and Cold Storage Company and National Ice and Cold Storage Company; of the San Jose Railroads Company and one of the properties of the Humboldt Transit Company.

In an application by the city of Eureka asking the Commission to find the just compensation to be paid by it for the Humboldt Transit Company, is found the first proceeding in this state wherein a municipality sought the Commission to fix the just compensation for the acquisition of a street railway property.

During this year it was necessary to continue the work of the Engineering Department in connection with the application for rehearing of the Northern California Power Company in the matter of the application of the city of Redding to condemn its properties within that city. As noted before, because of the fact that this case has been made a test case before the Commission, it has been the subject of special consideration and required an unusually large amount of work in relation to the valuation of the properties involved.

The work of the department which is of special importance will now be taken up.

## VALUATIONS.

**United Railroads of San Francisco.**

The valuation of the properties of the United Railroads of San Francisco was completed and used by the Commission in connection with the application by this utility asking approval of a plan of reorganization, among the provisions of which was the exchange and scaling

down of securities. A considerable amount of time has been necessary for this valuation because four valuation figures were found; because the inventory was taken in considerable detail and because the properties included were owned by five different corporations—United Railroads of San Francisco, The San Francisco Electric Railways, Gough Street Railway Company, Sutter Street Railway Company and South San Francisco Railway and Power Company. The totals found for the system are as follows:

Basis of valuation	Reproduction cost	Condition, per cent	Reproduction cost less depreciation
Historical reproduction cost.....	\$30,842,963 00	82	\$25,357,843 00
Reproduction cost new.....	51,818,258 00	80	41,400,010 00

In this connection it may be noted that the inventory prepared by the Engineering Department has been used as a basis for a valuation made by the city and county of San Francisco, of detail in which this valuation was presented. It may also be noted that the Commission loaned to the city and county of San Francisco one of its engineers in the Transportation Department to assist the city engineer in his work, his compensation while on the work being paid by the city.

#### **Pacific Electric Railway Company.**

In June, 1919, as noted in the last year's report, the Commission instructed its Engineering Department to make a valuation of the properties of Pacific Electric Railway Company. During this year this work was completed, the totals found by the Engineering Department and subject to modification by the Commission, after the valuation is introduced in evidence, being as follows, the date of valuation being December 31, 1920:

Basis of valuation	Reproduction cost	Condition, Per cent	Reproduction cost less depreciation
Historical reproduction cost.....	\$71,194,759 00	79	\$56,372,096 00
Reproduction cost new.....	103,600,000 00	79	82,700,000 00

The figures given above for valuation on the reproduction cost new basis were not made as the result of an elaborate detailed valuation, but are an approximate estimate of what a reproduction cost figure, under a five-year construction period ending December 31, 1920, would come to.

Historical reproduction cost, as stated above, is the result found by adding to an inventory and appraisal, as of June 30, 1914, additions and betterments at actual cost from this date to December 31, 1920. Lands, however, were reinventoried and reappraised as of December 31, 1919.

#### **Humboldt Transit Company.**

Humboldt Transit Company operates an electric street railway in the city of Eureka with approximately twelve miles of track. During the past year the city of Eureka having filed an application asking the

Commission to fix just compensation to be paid for all of the operative property of this carrier, the Engineering Department was instructed to prepare a valuation. This is the first instance in which the Commission has been asked to fix the just compensation to be paid by a municipality for the acquisition of a street railway.

In connection with this valuation a study was also made of the service, operating and financial conditions of this road and all of this data, together with the valuation, was used in connection with the fixing of the just compensation to be paid by the city.

#### **Sacramento Street Railway.**

Pacific Gas and Electric Company, owner of the Sacramento Street Railway, applied to the Commission for authority to increase its fares. This road does a passenger business exclusively, operating some forty-five miles of track entirely within the city of Sacramento. At the first hearing attention was drawn to the fact that a decision might be made by the Commission acting only in its judicial capacity, or that an investigation might be made by the Engineering Department with the cooperation of the railway and the city, and a decision made after such facts as would be developed were introduced in evidence. The latter course was decided upon and as a part of this investigation a valuation was made of the Sacramento Street Railway.

The Pacific Gas and Electric Company was then engaged in making a valuation as of December 30, 1919, of all of its properties, including not only the street railway department but the electric, gas, water and steam departments, so the inventory of the Engineering Department was of the same date.

The tabulation below gives totals found as of December 31, 1920, these figures being obtained by adding to the inventory and appraisal, as of December 31, 1919, net additions and betterments for the following year.

Basis of valuation	Reproduction cost	Condition, per cent	Reproduction cost less depreciation
Historical reproduction cost.....	\$1,984,765 52	73	\$1,457,851 52
Reproduction cost new.....	3,403,631 52	74	2,515,221 52

While the valuation was submitted to the interested parties no hearing was held this year and the figures are subject to modification by the Commission after revaluation is introduced in evidence.

For use in this rate case the Engineering Department made, in addition to the valuation, a report on the service and operation of this road. This report will be discussed later.

#### **San Jose Railroads.**

A valuation was also made of the San Jose Railroads in connection with its application for an increase in passenger fares, this road, like the Sacramento Street Railroad, being engaged exclusively in the transportation of passengers.

The following totals as of December 31, 1920, cover 36.8 miles of track located partly within the city of San Jose, partly within the town of Santa Clara and partly within Santa Clara County, unincorporated.

Historical reproduction cost.....	\$1,540,191 00
Historical reproduction cost less depreciation.....	1,050,032 00
Condition per cent.....	68

While the valuation was submitted to both the Commission and the city of San Jose, the Commission has yet to pass on the valuation and the figures are subject to modification.

In this same rate proceeding a report was also made on the service, operating and financial conditions.

**Cold storage warehouses.**

In connection with investigation into the rates charged for storage in cold storage warehouses, the engineering department made a valuation of the properties devoted to this purpose of three of these utilities in Los Angeles: the Los Angeles Ice and Cold Storage Company, the Merchants Ice and Cold Storage Company and the National Ice and Cold Storage Company. These valuations were the first made by the Engineering Department of warehouses of this character and cover, as noted above, only those parts of the property which are devoted to use as public warehouses. It was necessary, however, since much of the equipment in these plants is used for the production of ice as well as in maintaining low temperature in the cold storage rooms, to make an inventory and appraisal of much more property than is shown in our valuation. The valuations of these properties are as follows:

	Historical reproduction cost	Reproduction cost less depreciation
<b>Los Angeles Ice and Cold Storage Company:</b>		
Operative property—Inventory as of September 1, 1920:		
Seventh Street plant.....	\$409,790 00	\$329,194 00
Fourth Street plant.....	586,936 00	486,255 00
	\$996,726 00	\$815,440 00
<b>National Ice and Cold Storage Company:</b>		
Operative property—Inventory as of September 20, 1920.....	\$278,849 00	\$210,325 00
<b>Merchants Ice and Cold Storage Company:</b>		
Operative property—Inventory as of October 15, 1920.....	\$278,849 00	\$210,325 00

**INVESTIGATIONS OF RAILWAY SERVICE AND OPERATION.**

During the year several comprehensive investigations have been made into the service, operating and financial conditions of several street railways, these investigations having been made in connection with applications involving an increase in passenger fares. Such investigations have been made on the Pacific Electric Railway Company, Sacramento Street Railway Company, Sacramento Street Railway (Pacific Gas and Electric Company), San Jose Railroads and Peninsular Railway Company.

**Pacific Electric Railway.**

During all of last year a considerable force was engaged in making an investigation into the service, operating and financial conditions of this road in connection with pending rate proceedings. The work was not completed during the year but is expected to be finished in the fall of 1921.

This investigation was made to assist the Commission in reaching the decision in rate proceedings affecting all of the Company's rates.

The program may be summarized as follows:

I. Analysis, line by line, for the entire system of—

- (a) Revenues from operation (passenger and freight).
- (b) Expenses of operation (passenger and freight).
- (c) Service rendered:
  - Number of passengers.
  - Origin and destination of passengers.
  - Operating schedules as to time tables and to number of seats offered.
- (d) Probable future growth of communities.

This analysis should lead to conclusions as to present and future earnings of each line, its profitableness or unprofitableness, possible rerouting, possible transferring, possible change or discontinuance of service, etc.

II. Study of possible changes through additions to fixed capital, either by railway company or the communities, or both.

This branch of the problem is related to the studies carried on in connection with the Los Angeles Terminal investigation and to matters before the Commission in Case No. 1602—Hollywood service.

III. Sources and cost of power, its transmission and distribution, use of feeder cables, substations, etc.

IV. System-wide analysis and study of operating costs including taxes, depreciation, paving, franchise taxes, organization and administration; deferred maintenance.

V. Study and analysis of past, present, and proposed capital expenditures and their relation to the expenditures suggested by us as a result of this investigation.

VI. The freight business.

The study of the freight business is important because one of the most important factors in the development of the Pacific Electric has been its value as a feeder of freight traffic into the Southern Pacific lines. The fact must also not be lost sight of that the Pacific Electric ranks third as a freight carrier of all railroads (steam and electric) in California.

VII. Miscellaneous studies into economies of operation (requirements for additional rolling stock; application of one-man cars to cross-town lines, etc.).

VIII. Franchise situation in Los Angeles and other communities.

IX. Relation of Pacific Electric to Southern Pacific and to other enterprises (Los Angeles Terminal Company, etc.).

Later there was added to this program a study of the cost of automobile transportation with a view of ascertaining whether it would be advisable or practicable to substitute or supplement the present electric railway service on some lines or in some services with motor transportation service.

**Sacramento Street Railway.**

An investigation was also made into the service and operation of the Sacramento Street Railway which is the property of Pacific Gas and Electric Company.



This investigation was also made in connection with an application in which this utility applied for authority to increase its passenger fares. This report required some 150 pages, including the tables and drawings, was completed during the year and submitted to the interested parties. The purpose of making such reports is to set forth facts as relating to the revenue and expenses; to show as a result of a careful survey the quality of the service rendered and any possibility of increasing the revenues or decreasing the expenses and to set forth the past, present and possible return to the utility as one factor in measuring whether or not it is earning a fair return on the fair value of its property.

#### **San Jose Railroads and Peninsular Railway.**

A report on the service and operation on these two electric roads was also made in connection with rate proceedings filed by these utilities in which authority was requested to increase passenger fares. Since both companies are controlled through stock ownership by Southern Pacific Company and have the same set of officers and many employes and facilities in common, one report was made to cover both properties. This report is very similar to the report made for the Sacramento Street Railway and was practically completed at the end of the year.

These reports on service and operation, setting out the facts and possibilities with regard to the operation, service and financial conditions have apparently been a successful measure toward brief and concise presentation at public hearings of the real issues involved and have apparently been well received by the public interested, the utilities and the Commission.

### **RAILROAD CROSSINGS AND SAFETY.**

#### **Grade crossings.**

The Engineering Department has continued to make an inspection of grade crossings leading to recommendations along the line of safety.

Complete survey of grade crossings was made in the cities of Lindsay and Exeter, with recommendations offered for the reduction of existing hazards.

Applications for new grade crossings over railroads have been investigated and recommendations made. The various counties have made 57 applications, incorporated municipalities have made 8 applications and the state has made three applications for new road or street grade crossings. Of these crossings 45 were over the Southern Pacific, 13 over the Santa Fe, 2 over the Pacific Electric and 8 over other railroads. In addition, the Southern Pacific Company made 32 applications, the Santa Fe 15 applications, the Pacific Electric 11 applications and other railroads 7 applications; in all 65 applications for permission to lay tracks across existing roads and streets, making a grand total of 133 applications for new grade crossings. Fourteen of these applications have been denied, 115 have been granted and 4 are awaiting disposition.

**Grade separations.**

No grade separations have been ordered during the year by the Commission.

The project of separation of grades between the state highway and the Southern Pacific at two locations near Altamont, postponed during the war, has been revived, with the result that contract has been let for the construction at one of the crossings. In connection with all applications for a grade crossing a subway under and various types of bridges over the tracks of the Southern Pacific at Seventh street in Oakland has been investigated and estimates have been presented.

A study has also been started looking toward the separation of the crossing of the state highway over the Southern Pacific at Pismo.

The application of the State Highway Commission for a separation of grades with the San Diego and Arizona Railway at Jacumba, mentioned in last year's report, has been settled by negotiation between the parties concerned.

**Safety devices.**

Automatic flagmen have been installed on recommendation or order of the Commission at various important crossings and investigations made with respect to protection at other crossings.

**Interlocking plants.**

The San Francisco-Oakland Terminal Railways has replaced all of the detector bars at its interlocking towers with automatic track circuits at a large expense, this action being taken on the recommendation of the Engineering Department after a detector failure nearly resulting in a serious accident. As is usual, several interlocking plants have been altered or rebuilt. These charges are all passed upon, the most important perhaps being at the M street bridge, Sacramento, where radical changes toward the promotion of public safety have been made as a result of the Commission's order.



## CHAPTER VII.

## GAS AND ELECTRICAL DIVISION.

The Gas and Electrical Division of the Commission has been engaged primarily during the past twelve months on work in connection with electric and gas rate proceedings, resulting from applications for increased rates filed by the utilities; service inspection and enforcement of standards for gas service; studies in connection with the revision of safety standards for electric line construction; enforcement of General Order No. 52, covering matters of inductive interference; supervision and inspection of proposed power plant developments of electric utilities; enforcement of General Order No. 58, covering gas service, and special investigations into efficiency and economy of gas production and use.

Electric and gas rates have during the period been further increased over the advances granted during the period ending June 30, 1920, due primarily to still further increases in the cost of oil, labor, material and supplies, and a more serious shortage of hydro-electric power during the year 1920 than occurred during the preceding years and inability on the part of the utilities to complete any adequate additions to hydro-electric plant capacities prior to the middle of the year. The necessary delay between the time of increases occurring in the price of oil and the time of official action on increases in rates resulted in a large number of increases in gas rates during the first six months of the year, which were largely due to the increases in the price of oil in March and July of 1920. The Commission is pleased to report, however, that with conditions tending toward normal reductions have been made in certain of the electric rates, notably the rates of Pacific Gas and Electric Company and Great Western Power Company, which were reduced approximately 8 per cent effective April 10, 1921; San Joaquin Light and Power Corporation's agricultural rates reduced approximately 5 per cent effective April 1, 1921, and Southern California Edison Company's rates reduced approximately 12 per cent effective April 20, 1921.

On May 13, 1921, a reduction of 25 cents per barrel was made in the price of oil. The result of this reduction has been to do away with further increasing of rates for artificial gas and indicates the possibility of a reduction in gas rates in the future. It has been necessary to increase certain rates for natural gas owing to the increased cost of production, increased labor and other items of expense.

## RATE PROCEEDINGS DECIDED.

The rate proceedings involving gas and electric utilities which have been decided during the twelve months' period are set forth in Tables Nos. I and II herewith.

**TABLE I.**  
**ELECTRIC RATE PROCEEDINGS DECIDED, YEAR ENDING JUNE 30, 1921.**

Proceeding	Utility	Territory	Decision Number	Effective date	Change
5083	Needles Gas and Electric Company....	Needles.....	8073	September 20, 1920	Increase
5334	Southern Sierras Power Company, Holton Power Company.....	Entire territory.....	8119	September 20, 1920	Increase
5394	Southern California Edison Company....	Entire territory.....	9014	April 20, 1921	Decrease
5567	Pacific Gas and Electric Company.....	Entire territory.....	9017	April 10, 1921	Decrease
5585	Great Western Power Company of California.....	Entire territory.....	9018	April 10, 1921	Decrease
5703	Coast Valleys Gas and Electric Company	Entire territory.....	7967	August 13, 1920	Increase
5723	Ojai Power Company.....	Entire territory.....	7882	July 25, 1920	Increase
5759	California Telephone and Light Company	Entire territory.....	8006	August 27, 1920	Increase
5842	Pacific Electric Railway Company.....	Entire territory.....	(9246)	August 15, 1921	.....
5889	Bay Point Light and Power Company..	Bay Point.....	7987	August 24, 1920	Increase
			(9184)	June 24, 1921	Decrease
5895	California Oregon Power Company.....	Entire territory.....	9169	July 15, 1921	Increase
5925	Middle Yuba Hydro Electric Company..	Entire territory.....	8178	October 10, 1920	Increase
5931	Napa Valley Electric Company.....	Entire territory.....	8381	December 6, 1920	Increase
5932	A. Sorenson.....	Oakland.....	7968	August 15, 1920	Increase
5941	Amador Electric Light and Power Company.....	Amador County.....	8113	September 20, 1920	Increase
5942	Western States Gas and Electric Company	Stockton.....	8459	December 30, 1920	Increase
6001	Fair Oaks Electric Company.....	Fair Oaks.....	8223	October 25, 1920	Increase
6066	J. G. Peters.....	Dutch Flat.....	8242	October 20, 1920	Increase
6078	San Diego Consolidated Gas and Electric Company.....	San Diego County.....	8638	March 10, 1921	Increase
6186	Los Angeles Gas and Electric Company..	Los Angeles.....	8244	October 18, 1920	Increase
6710	Needles Gas and Electric Company....	Needles.....	(9089)	June 20, 1921	Increase

**TABLE II.**  
**GAS RATE PROCEEDINGS DECIDED, YEAR ENDING JUNE 30, 1921.**

Proceeding	Utility	Territory	Decision Number	Effective date	Change
5526	Coast Counties Gas and Electric Company.....	Entire.....	7908	July 26, 1920	Increase
5654	San Joaquin Light and Power Corporation.....	Merced.....	8016	August 26, 1920	Increase
5655	San Joaquin Light and Power Corporation.....	Selma.....	8042	August 26, 1920	Increase
5692	Southern Counties Gas Company of California.....	Ventura.....	8099	September 20, 1920	Increase
5694	Sacramento Gas Company.....	Lodi.....	8241	October 25, 1920	Increase
5729	Western States Gas and Electric Company.....	Eureka.....	7940	August 15, 1920	Increase
5942	Western States Gas and Electric Company.....	Stockton.....	8459	December 30, 1920	Increase
5948	Southern Counties Gas Company of California.....	Orange County.....	8680	March 20, 1921	Increase
5996	Ukiah Gas Company.....	Ukiah.....	8005	August 26, 1920	Increase
6006	Hanford Gas Company.....	Hanford.....	8120	September 18, 1920	Increase
6010	Citrus Belt Gas Company.....	Entire.....	8123	September 20, 1920	Increase
6029	Twin Cities Gas Company.....	Beaumont, Banning....	8205	October 16, 1920	Increase
6068	Southern Counties Gas Company of California.....	Long Beach.....	9021	July 1, 1921	Increase
6078	San Diego Consolidated Gas and Electric Company.....	San Diego County.....	8638	March 10, 1921	Increase
6079	Riverbend Gas and Water Company..	Kingsburg and vicinity.	8281	October 26, 1920	Increase
6108	Pacific Gas and Electric Company.....	Entire.....	9125	August 1, 1921	Increase
6291	Napa Valley Electric Company.....	St. Helena.....	8470	December 30, 1920	Increase
6326	Los Angeles Gas and Electric Corporation.....	Los Angeles and vicinity	9132	August 1, 1921	Increase
6328	Contra Costa Gas Company.....	Contra Costa County..	8755	April 20, 1921	Increase
6338	Southern California Gas Company.....	Los Angeles and vicinity	9133	August 1, 1921	Increase
6614	Coast Valley Gas and Electric Company	Salinas and Monterey..	8937	April 20, 1921	Increase

**ELECTRIC RATE INVESTIGATIONS.**

During the twelve months two very important and exhaustive investigations into electric rates have been completed and decisions rendered. These are the applications of The Southern Sierras Power Company, decided in September, 1920, and the Southern California Edison Company, decided in March, 1921. The investigations in these proceedings involved the valuation of properties totaling in excess of \$110,000,000, extensive hearings, analysis of evidence, and the determination of a definite rate base for the two utilities and more or less fixed or definite rates for electric service affecting the consumers in the southern part of the state.

In addition to the general gas proceedings which have been passed upon the Commission has gone exhaustively into the gas rates of Pacific Gas and Electric Company and also Los Angeles Gas and Electric Corporation, which two proceedings involve the gas rates to approximately 80 per cent of the gas consumers in the State of California.

At the close of the year the Gas and Electrical Division of the Commission is actively engaged in work on three proceedings involving the fixing of more definite and semipermanent rates for the Pacific Gas and Electric Company, Great Western Power Company and San Joaquin Light and Power Corporation. This work involves the determination of the reasonable rate base on each one of the utilities' systems and a reanalysis and refixing of electric rates thereon and will occupy the better part of the ensuing twelve months. Indications are, with the general tendency to reducing costs, that further reductions may be made in electric rates.

It is interesting to point out that the peak in electric rates has apparently been reached and that already the rates have been reduced from a maximum of approximately 35 per cent in excess of prewar rates to approximately 25 per cent, and it is well to bear in mind that although other commodities increased in general from fifty to several hundred per cent the rates of electric utilities in the State of California were increased on the average not to exceed 35 per cent and have since been reduced to a basis of approximately 25 per cent.

**GAS SUPERVISION AND INSPECTION.**

A comprehensive program of supervision and inspection of gas service following the issuance of General Order No. 58 of the Commission has been carried on throughout the year. Inspections have been made of all gas utility operations and the result has been uniform improvements in gas service which benefit not only the public but the utilities inspected.

The Joint Committee on Efficiency and Economy of Gas, which was organized in the spring of 1920 to study carefully the manufacture and use of gas to determine its efficiency and economy, has been actively engaged in tests for twelve months. Careful analysis and study of the operations of two plants in the state have been carried on and although final report has not been made it is expected that much benefit will result from this investigation.

**STANDARDS OF ELECTRIC LINE CONSTRUCTION.**

Standards of electric line construction are practically completed and a material advance in the improvement of safety conditions will result from the enforcement of the new order.

Only one large electric valuation has been completed during the year, that being the valuation of the Southern California Edison system in connection with its main rate proceedings. A force of engineers is at present actively engaged in a careful check of the inventory and determination of the valuation both on the historical reproduction basis and the reproduction cost new basis of the Pacific Gas and Electric Company's system, the largest system in the state, and on the San Joaquin Light and Power Corporation's system.

The work in connection with the enforcement of the General Order relative to inductive interference has increased materially during the year owing to the rapid development of power and the increasing number of transmission lines being constructed. The handling of this work, however, has been so arranged that it is being carried out informally by the members of the division and it has not been found necessary to handle any of the complaints by formal proceeding.

**OIL AND GAS SITUATION.**

During the year the oil situation has materially improved especially during the latter six months of the period. During the first part of the fiscal year it was expected that possible curtailment in use would be necessary and that the quality of oil to be supplied would be materially reduced. Conditions have largely reversed and there has occurred both a reduction in the price of oil and a betterment in the quality of the same for gas-making use.

During the year the natural gas supply to Los Angeles and vicinity has been increased by the enlargement of the transmission lines from Midway fields to Los Angeles by approximately eight to ten million cubic feet capacity daily. Increase in supply in the Orange County fields has occurred in certain districts but in general the total supply has remained approximately the same. The growth of business in Los Angeles and vicinity has been such, however, that it has been found necessary to reduce the quality of gas distributed in Los Angeles from 815 British thermal units standard to 750, and it will again be necessary during the coming year to supervise the distribution of natural gas in Los Angeles and vicinity as occurred during the previous winter. During the winter of 1920-1921 an engineer of the Gas Division of the Railroad Commission was assigned to Southern California with the duty of supervising the distribution of natural gas between the utilities, with the result that a very serious shortage of gas was largely averted.

**ELECTRIC DEVELOPMENT.**

The development of hydro-electric power by the larger public utilities of California has gone ahead very rapidly during the past twelve months. A large capacity in additional hydro-electric plants has been completed during the period, the notable completions being:

Company	Plant	Capacity, kilowatts	Completed
San Joaquin Light and Power Company.....	Kerckhoff Development.....	34,000	August 15, 1920.
Southern California Edison Company.....	{ Big Creek No. 2.....	17,500	January, 1921.
	{ Kern No. 3.....	30,000	February, 1921.
Great Western Power Company.....	Caribou Development.....	44,000	May, 1921.
City of Los Angeles.....	San Francisco Plant No. 2.....	20,000	July, 1920.

Steam plants were completed during the same period as follows:

Company	Capacity, kilowatts	Location	Completed
San Joaquin Light and Power Company.....	{ 12,500	Bakersfield.....	July, 1920.
Pacific Gas and Electric Company.....	{ 12,500	Button Willow.....	June, 1921.
Los Angeles Gas and Electric Corporation.....	12,500	Oakland.....	January, 1921.
	10,000	.....	.....

At the close of the 12 months' period, there were under construction hydro-electric power plants as follows:

Company	Plant	Capacity, kilovolt amperes
Pacific Gas and Electric Company.....	{ Hat Creek No. 1.....	12,500
	{ Hat Creek No. 2.....	12,500
	{ Spring Gap Plant.....	6,000
	{ Pit River No. 1.....	60,000
	{ Drum Power House.....	12,500
San Joaquin Light and Power Corporation.....	Enlargement of Kern Canyon Plant.....	10,000
Southern California Edison Company.....	Big Creek No. 8.....	22,500
Southern Sierras Power Company.....	Levinig Creek Plant.....	10,000

Preliminary work is also being done by Southern California Edison Company in its Big Creek No. 3 plant, to be completed in 1923.

POWER SHORTAGE IS OVER.

The power shortage which was so serious in 1918 and was quite serious in the fall of 1920, owing to the fact that the power plants had not been completed and a dry year condition existed, has been eliminated for the year 1921, and, from present indications, it appears that this difficulty has been eliminated for the future or at least for a number of years as the development of hydro-electric power has increased at a very rapid rate and the plants to be brought in during the next twelve months will relieve the shortage conditions materially. In general since January, 1921, there has been a tendency to a slowing up of the demands for electric power in the northern part of the state. The growth of business has, if anything, declined while the output for 1921 will only slightly exceed that for 1920. In the southern part of the state the conditions have been considered quite different, the load of the electric companies increasing steadily and at even a greater rate than prior to the war.

## CHAPTER VIII.

## HYDRAULIC DIVISION.

During the period covered by this report there have been issued by the Commission 222 formal decisions based on the work of the Hydraulic Division, which handles all matters pertaining to water utilities, coming within the purview of the Public Utilities Act.

These matters classified, are as follows:

Rates .....	90
Transfer of property .....	42
Issuance of securities .....	36
Service .....	34
Investigation on Commission's own motion .....	7
Discontinuance .....	8
Certificate of public convenience and necessity .....	1
Rules and regulations .....	3
Confirming contract .....	1
Total decisions rendered .....	222

During the same period there have been filed a total of 189 formal proceedings requiring the attention of this division in each instance. A summary of such matters filed is as follows:

## Applications:

Rates .....	69
Transfer of properties .....	41
Securities .....	21
Discontinuance .....	6
Certificate of public convenience and necessity .....	5
Rules and regulations .....	2
Service .....	1

## Cases:

Service .....	34
Investigation on Commission's own motion .....	4
Invasion of territory .....	1
Rates .....	5

Total matters filed .....	189
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## RATE PROCEEDINGS.

It will be seen from the classification of decisions rendered during the last fiscal year that decisions in proceedings involving applications by various water utilities throughout the state for rate increases predominate.

Occasioned by continuous increased costs of labor and materials entering into the construction and operation of water companies



throughout the state this department has been called upon to investigate the reasonableness of applications for rate changes to meet these advanced costs, far exceeding in number similar applications filed in any other like period.

These matters are of great importance and require a thorough field and office investigation by the engineers of this division. In each particular instance where rates are involved, an exhaustive investigation into the affairs of the utility is necessary, requiring in each individual case a detailed inventory of the properties from which an appraisal of the used and useful properties is made constituting a rate base and one of the elements of the annual changes designed to be produced by the rate revision. A search for unit construction costs from the records of the company is necessary and, when obtained, applied to the details of the inventory. A detailed analysis of operation and maintenance expense covering a period of years preceding the investigation is compiled which, together with the available cost data of other utilities operating in neighboring territory and under like conditions, permits the engineer handling the case to determine with great accuracy future annual maintenance and operative expense. Other conditions entering into such proceedings are variable and a detailed study of each subject arising is made necessary. It will be seen from the foregoing, matters of such a nature require considerable time and study in preparation for hearing and necessary reports subsequent thereto.

A total of sixty-five of such applications were decided during the year requiring a revaluation of properties by the engineers of this division to the extent of \$8,000,000. This figure is exclusive of valuations for purposes of sale which matters require an investigation on the part of this division in as minute detail as do rate proceedings.

A tabulation is attached hereto setting forth a summary of rate proceedings decided and the elements resulting from the investigation of such proceedings. The total gross revenue for the sixty-five utilities coming before this Commission for the year preceding their investigation by this division amounted to \$845,515. The gross revenue designed to be produced by the rate revisions amounted to \$1,079,538, an increase of 28 per cent.

#### VALUATION OF PROPERTY.

A recapitulation of valuations completed by this division during the fiscal year ending June 30, 1921, is as follows:

Estimated original cost of properties involved as of date of investigation -----	\$8,296,804 00
Reproduction cost new—depreciated as of date of filing-----	38,559,128 00
Grand total -----	<u>\$46,955,932 00</u>

The above figures take into consideration all properties valued by the engineers of this division both for the purpose of rate fixing and for acquisition. A comparison of valuations completed in previous years shows that a greater number of cases requiring appraisals were called to the attention of this division during the period covered by this report than during any other fiscal year in the history of the Com-

mission. Valuations for the purpose of rate fixing amounted to \$8,296,804, while valuations for the purpose of transfer amounted to \$38,559,128.

**(a) Valuations for transfer purposes.**

Appraisals of properties of six water utilities in this state for the purpose of transfer amounted to \$38,559,128. Of this total \$37,000,000 represents the depreciated reproduction cost of the properties of the Spring Valley Water Company.

In this particular instance the Railroad Commission agreed to comply with the request of the city of San Francisco to fix a fair and reasonable amount for the acquisition by the city of the properties of the Spring Valley Water Company, the city specifically setting forth the properties desired. In this procedure the board of directors of the Spring Valley Water Company concurred, passing a resolution at a regular meeting to that effect. It was also the desire of the city officials to have the Commission express its opinion as to the desirability and wisdom of the acquisition by the city of such properties. In acceding to the request of the city and in announcing conclusions and recommendations the Commission undertook the task attempting only to be helpful to the best interest of the city of San Francisco. The Commission's finding of a fair price for the property to be acquired, fair both to the city and the company, was \$39,000,000. This figure was arrived at after exhaustive investigation of the properties of the company and after full consideration of all the elements entering into the situation.

In response to the request of the city that the Commission give its opinion on the public policy of the purchase, the report set out cogent reasons from an economic viewpoint why the city should acquire the utility.

With similar care the properties of the Union Water Company of California were valued at the request of the company to sell and the East Bay Water Company to acquire. The opinion in the matter sets forth that in considering an application of one water company to transfer its properties to another the Commission holds that the consolidation of the two operating companies will not only benefit the utilities interested, but will also be of benefit to the public in that it will eliminate expensive competition and the construction of duplicate facilities, all of which the public would be obliged to pay for through rates.

A sum of \$1,100,000 was found to be a fair value of such properties for purposes of transfer.

In addition to formal matters 803 informal complaints were given attention by this division. Detailed description of this work will be found in the chapter on informal complaints.

**DISCONTINUANCE OF SERVICE.**

Abandonment of public utility service is of vital importance to those directly affected and in releasing owners of systems desiring to evade public regulation, the Commission investigates most thoroughly all facts leading up to such a request. Varied reasons for discontinuance are incorporated in the applications submitted, the claim of non-



compensatory service being most common. However, when it becomes apparent that consumers on an existing system that is sustaining an increasing financial loss from operation, thus hindering the rendition of adequate service, will not be inconvenienced, the Commission does not hesitate to relieve the utility of obligation when a solution fair to its patrons can be worked out. Upon investigation by the engineers of this division such matters are often adjusted whereby the affected consumers are accommodated by the extension of or connection with the mains of a nearby system, or by the formation of a mutual organization through which the consumers own and manage their own supply, bettering service conditions and helping to prevent further financial loss. Service to the consumers is always foremost and any attempt "to get out from under" by interests having the supplying of water only incidental to other gains, is readily blocked.

Eight applications for discontinuance were called to the attention of this division, of which four were granted and four denied.

#### SUPERVISION OF DAM CONSTRUCTION.

This division is called upon to examine plans and specifications of any dam contemplated by public utilities operating within this state and its approval of such plans is necessary before actual construction can begin.

The safety of such structures is paramount and inspection trips in the field are made from the beginning of construction until final completion, necessitating general supervision of work being performed in order that plans as approved are adhered to. Considerable responsibility rests with the engineers assigned to this work, requiring clear insight in work of this type.

Three large dams are now under construction as follows:

(*Arrowhead Reservoir and Power Company.*) *Little Bear Valley Dam.* Earth-fill type with concrete corner wall, filling being done by hydraulic process. Maximum height 160 feet.

*Scott Dam (Snow Mountain Water and Power Company).* Concrete gravity overflow type with maximum height of approximately 120 feet.

*The Lake Kerckhoff Dam.* Owned by the San Joaquin Light and Power Corporation, located on the San Joaquin River in Fresno and Madera counties, was completed during the last fiscal year. This is a concrete dam of the constant angle type, with a maximum height of approximately 120 feet.

#### INVESTIGATIONS ON COMMISSION'S INITIATIVE.

A careful check at all times is maintained by this division of informal complaints filed with particular view to the number and regularity of such complaints against any one water company.

When conditions get beyond the range of informal adjustment a formal investigation into the affairs of the utility from all angles is instituted by the Commission. Thereupon engineers are sent into the field to report the existing conditions and offer suggestions and recommendations as to their possible improvement. The Commission's find-

ings are designed to prevent the recurrence of conditions complained of in some instances becoming quite drastic.

Seven decisions in matters instituted on the Commission's own motion were rendered during the year just ended.

#### **WATER CONSERVATION MEASURES.**

For a period of three years preceding this report and extending beyond the termination of the 1920 irrigation season, this state has been confronted with a condition threatening its agricultural welfare. Successive years of drought occasioned by less than normal rainfall, aggravated by increasing demands for irrigation water and the development of hydro-electric energy, created a situation approaching a calamity in the history of regulation of water utilities within this state. The alleviation of such a situation was of vital necessity and a far-sighted policy of conservation and regulation became necessary in order that the utmost good of the waters available could result. On the initiative of the Commission the Hydraulic Division aided by its available data, was able to work out a policy of conservation and waste restriction, resulting in the formation of the Emergency Water Conservation Conference. A more detailed description of the formation of this body and its efforts to minimize the threatened heavy loss is covered in the Annual Report of this division for the year ending June 30, 1920, to which reference is made. Its predicted success with reference to the utilization and equitable distribution of the available supply was fulfilled and its untiring efforts and exhaustive investigations, not only prevented what seemed to be ultimate losses of crops, but also saved threatened litigation.

In addition to active participation in the work of the conference, the Hydraulic Division has been independently active throughout the state during this acute period of dearth. One of the outstanding features of such helpfulness is described at length in the preceding annual report of this division wherein this Commission in accordance with an unsolicited agreement entered into by three of the state's large water and power companies agreeing to pool their respective diversion rights, offered the problem of prorating the diminished flow of the river to the Commission for solution. Two members of the Hydraulic Division were placed in the district affected and empowered to supervise the proration of the available waters and to restrict waste. As stated in the preceding report 37 per cent of the rice acreage in California was involved and awaiting irrigation with an anticipated normal crop estimated to yield approximately \$25,000,000. Late into the irrigation season of 1920 this self-imposed regulation continued, resulting in the harvesting of a normal crop and receiving the unstinted commendation of all concerned.

#### **COST DATA.**

The Commission realizing the extreme fluctuation in the cost of materials and supplies necessary in the construction and operation of water companies throughout the state, particularly in view of the soaring prices created by the war emergency, entered into the preparation of a cost filed that would contain current and past prices on all materials.

After an exhaustive survey, data have been assembled in compact and useful form so that it is now possible to give an authentic and comprehensive estimate as to original cost on all materials purchased since 1900. In addition to such information, a large amount of supporting data has been accumulated from a personal investigation into the records and vouchers of water companies throughout the state containing original installation construction costs enabling an estimate to be formed with a high degree of accuracy. No efforts have been spared to make such information complete and it is without doubt one of the most important and timesaving accomplishments undertaken by this division during the past year.

#### OTHER WORK PERFORMED.

Under this caption numerous subjects might be discussed at length which are of great importance requiring time and effort by members of this division to handle, but only an attempt at the high lights is listed.

Investigations leading to the granting of certificates of public convenience and necessity to construct and operate public utility water properties, calling for a detailed study, both in the field and office, into all phases of organization and operation of a water plant as to the wisdom of allowing or denying such an application in order that public interests might be best served. Numerous certificates were filed during the last fiscal period.

Formal complaints questioning the adequacy of service are numerous requiring experienced engineering knowledge in locating the basis of decreasing plant efficiency and the recommendation of additional facilities in order that service might be improved. Decisions numbering 34 were rendered relative to such matters during the last year.

Matters pertaining to the issuance of securities although handled by the Department of Finance and Accounts at times require an independent investigation from an engineering viewpoint, at times calling for a detailed inventory and appraisal. Thirty-six decisions covering the issuance of stocks of water utilities, bonds and evidence of other indebtedness were filed.

The justness of rules and regulations is continually coming before this department for answer and a careful study of operating conditions becomes necessary before rules and regulations are accepted for filing.

Other informal matters are daily being called to the attention of this division both through correspondence and verbally offering some very complex problems to be settled in the rendition of satisfaction to all parties concerned.

#### CLASSIFICATION OF DECISIONS.

A classification of all decisions rendered is attached setting forth in detail utilities affected.

## TRANSFERS.

Decision No.	Application No. or Case No.	Name of utility
7955	5833	E. Gallagher to buy and W. I. Fitzgerald to sell.
7965	5208	Fresno City Water Company to sell and Fresno City Water Corporation to buy.
7998	6023	East Bay Water Company to sell lands.
8090	5908	Walnut Creek Water Company to town of Walnut Creek to operate system.
8186	6124	Citizens Water Company of San Jacinto to sell, Fruitvale Mutual Water Company to buy.
8187	6163	J. L. Doherty to sell, G. W. Fickel to buy.
8189	6163	Kern Island Irrigation Canal Company to sell, Kern Island Canal Company to buy.
8206	6153	Placerville Water Works to sell, city of Placerville to buy.
8215	6188	Beaumont Land and Water Company and San Geronio Company to sell, Beaumont Irrigation District to buy.
8267	6199	Huntington Beach Water Company to sell lands.
8268	6200	Whittier Water Company to sell property.
8336	6251	Brea Townsite Company to sell, city of Brea to buy.
8427	6310	Antelope Creek and Red Bluff Water Company to sell, city of Red Bluff to buy.
8565	3930	Board of trustees town of Walnut Creek to purchase water system.
8580	6481	A. M. Bechtel et al. to sell, C. L. Voight et al. to buy.
8585	5551	Bakersfield Water Company to sell, Bakersfield Water Works to buy.
8640	6366	East Bay Water Company to sell real property.
8649	6384	T. S. and F. M. Harker to sell, T. B. Fouts to purchase Melvin Place Water Company.
8667	6431	Huntington Park Realty Company to sell, city of San Bruno to buy.
8676	6568	San Francisco Golf and County Club to buy certain property.
8704	6539	El Dorado Water Company to sell, city of Placerville to buy portion of plant.
8705	6539	Town of Martinez to buy, Contra Costa Realty Company to sell.
8786	6432	Clemens A. Feldmeyer to buy property.
8792	6558	C. J. and E. M. Hamilton to sell, W. R., A. R. Bell and F. B. Rutledge to sell.
8807	6638	G. M. and M. M. Phelps to sell, W. W. Bacon, Jr. to sell.
8817	6514	W. I. Fitzgerald to sell Sonoma Vista Water Company to A. F. Jocelyn.
8825	6647	John N. Scarborough to buy Flora Water Company.
8826	6657	East Bay Water Company to sell real property.
8845	6553, 6564	J. S. Harker, E. M. Harker to sell Melvin Place Water Company to E. A. Perkins.
8933	6709	Bear Gulch to buy "Portola" Woods system.
9013	6568	Spring Valley Water Company to sell certain real property.
9078	6853	Huntington Beach Water Company to sell real estate.
9083	6854	Juan E. Camarillo to sell, Stanton Baker to buy.
9085	6465	MacLay Rancho Water Company to sell to MacLay Rancho Realty Company.
9138	6931	Imperial Land Company to sell, W. A. Hensley to buy.
9170	6388	Russian River Water Company to buy utilities properties.
9172	6853	Huntington Beach Company to exchange real estate.
9185	6789	Sacramento Valley West Side Canal to sell property.

## STOCKS.

Decision No.	Application No. or Case No.	Name of utility
8055	5969	Western Water Company.
8114	5478	El Segundo Water Company.
8249	5597	Claremont Domestic Water Company.
8495	6395	Fruitvale Mutual Water Company.
8524	6402	San Jose Water Works.
8938	6716	East Bay Water Company.
8948	3655	East Bay Water Company.

## SERVICE.

Decision No.	Application No. or Case No.	Name of utility
8058	C-1418	.....
8171	C-1465	M. A. Upton et al. vs. A. H. Stinson et al.
8198	C-1453	A. Dos Reis vs. City of Vallejo.
8199	C-1154	S. H. Boynton et al. vs. City of Los Angeles et al.
8226	C-1456	Gridley Land and Irrigation Company vs. Sutter Butte Canal Company.
8240	C-1438	Pacific Oil and Lead Company vs. East Bay Water Company.
8272	C-1469	Thousand Oaks Association vs. Spring Estate Company, George Friend Company and East Bay Water Company.
8273	C-1253	F. E. Bennett et al. vs. Midland Counties Public Service Corporation.
8294	C-1452	City of Petaluma vs. Petaluma Power and Water Company.
8390	C-1446	W. W. Kaye vs. Electric Water Company.
8487	A-5966	City of Brea.
8526	C-1292	Francis R. Schmitt et al. vs. E. Firth, Dr. E. Smith.
8563	C-1376	Western States Gas and Electric Company vs. Joseph Swansborough.
8605	C-1441	Town of Walnut Creek vs. Mrs. and Mr. M. E. Lacassie.
8637	C-1503	G. W. Kennedy and W. J. Kennedy vs. O. C. Abbott and wife.
8721	C-1465	M. A. Upton et al. vs. A. H. Stinson et al.
8773	A-6236	B. G. Feist and T. P. Degnon, to serve.
8774	A-6237	B. G. Feist and G. A. Stryker, to serve.
8776	C-1417	G. D. Johnson et al. vs. Port Costa Water Company.
8781	C-1323	Pastorino and Ferraro vs. Charles Lang.
8799	{ C-1545	J. L. and M. A. Smith vs. Van Nuys Water System.
	{ C-1495	P. S. McNutt et al. vs. Sycamore Canyon Water Company.
8853	C-1356	R. V. Griffin et al. vs. Sycamore Canyon Water Company.
8856	C-1340	C. W. Coughran et al. vs. California-Michigan Land and Water Company.
8866	C-995	G. H. Compston et al. vs. Richfield Land Company and Richfield Water Company.
8867	C-1476	W. F. Davis et al. vs. Hugh A. Boyle and wife.
8874	C-1468	A. Q. St. George vs. G. H. Woodruff and B. Ballinger.
8878	C-1417	G. A. Johnson et al. vs. Port Costa Water Company (Supplemental Order).
8930	C-1429	Crockett Land and Cattle Company vs. American Smelting Securities Company.
9152	C-1478	Howard Throckmorton et al. vs. Robert P. Criswell and Helen P. Criswell.
9179	C-1533	T. H. Hatchard et al. vs. San Gabriel Valley Water Company.
9195	C-1250	A. Hancock, C. S. Fillmore, E. E. Ranke et al. vs. East Side Canal Company.
7903	C-1454	Theo. H. Coke vs. Arroyo Ditch and Water Company.
8164	C-1387	B. J. Neil vs. W. S. Von Hooscar.
9032	C-1589	C. B. Hooper et al. vs. Belvedere Water Company.

## DISCONTINUANCE.

Decision No.	Application No. or Case No.	Name of utility
8057	5705	E. F. and G. E. Knipe and W. C. and E. .
8070	5436	T. J. Rourke and F. Rourke.
8174	5826	A. J. Martin.
8348	6172	F. W. Crolich.
8474	6004	Vista Land Company.
8767	5523	Walnut Creek Water Company.
8841	3006, C-1128	E. H. Rose, A. G. Lane and Hobart Estate.
8910	6600	Fruitvale Mutual.

## STOCKS AND BONDS.

Decision No.	Application No. or Case No.	Name of utility
8069	5930	Boulder Creek Electric Light and Water Company and Mountain Light and Water Company.
8124	5930	Boulder Creek Electric Light and Water Company and Mountain Light and Water Company. (Supplemental Order).
8282	5210	Moorpark Farmers Water Company.
8416	5930	Boulder Creek Electric Light and Water Company and Mountain Light and Water Company.
8932	5212	East Bay Water Company.
8991	6260	Sierra Valley Water Company.

## CONFIRMING CONTRACT.

Decision No.	Application No. or Case No.	Name of utility
8151	4753	Whittier Water Company.

## NOTES.

Decision No.	Application No. or Case No.	Name of utility
7853	5847	Saticoy Water Company.
8031	6050	Sutter Butte Canal Company.
8048	5947	Bell Water Company.
8317	5262	Imperial Utilities Company (H. W. Siegfried, Receiver).
8363	6054	Conservative Water Company.
8460	6224	Fresno City Water Corporation.
8695	5381	Antelope Creek and Red Bluff Water Company.
8738	6475	Fresno City Water Corporation.
8811	6644	Foothill Ditch Company.
8859	6717	Roseville Water Company.
8935	6776	Ukiah Water and Improvement Company.
9104	6909	Quincy Water Works.
9134	3039, 5145	Port Costa Water Company.
9178	6919	Los Verjels Land and Water Company.

## CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY.

Decision No.	Application No. or Case No.	Name of utility
7886	5344	W. J. Hole.

## RATES.

Decision No.	Application No. or Case No.	Name of utility
7919	5727	B. R. Day and B. Phillips.
7920	5713	Emma H. Rose, A. G. Lane and Hobart Estate Company.
7985	6033	H. N. Siegfried, Receiver Imperial Utilities Company.
8122	5426	North Moneta Garden Lands Water Company.
8197	4157	Roseville Water Company.
8227	C-1127	Roseville Water Users Association vs. Roseville Water Company.
8284	{ 4515 4670 C-1272 }	Cuyamaca cases.
8448	5563	Diamond Ridge Water Company.
8457	5620	Granite Rock Water Company.
8512	{ 4515 4670 C-1272 }	Cuyamaca cases.
8514		
8582	6028	Moore Park Water, Light and Power Company.
8783	5831	Marysville Water Company.
8789	{ 6436 C-1504 }	Vic. Burks and G. Darrell vs. J. M. Goyke, J. M. Goyke.
8879	6573	Palermo Land and Water Company.
8880	5656	Fresno Canal and Land Corporation.
9002	{ 5283 C-1403 }	Wyandotte Water Users vs. South Feather Land and Water Company.
9084	5045	The Doherty Company.
9023	4943	Mokelumne River Power and Water Company.
9097	6121	Emil Firth.
9098	{ 4880 4881 C-1345 }	San Geronio Water Company, Beaumont Land and Water Company, Beaumont Irrigation District vs. Beaumont Land and Water Company
9111	5570	Benicia Water Company.
9156	5524	Chico Water Supply Company.
9171	4815	Whittier Water Company.
7876	5106	Hawthorne Electric and Water Company.
7905	2529	Pullman Water Company.

## COMMISSION'S OWN INITIATIVE.

Decision No.	Application No. or Case No.	Name of utility
7928	C-1406	Conservative Investment Company.
8007	C-1334	A. B. Shaw.
8041	C-1459	Annie Dell Segno (Oceanpark Heights Land and Water Company.)
8260	C-1375	C. E. Smith.
8226	C-1458	Sutter Butte Canal Company.
8304	C-1334	A. B. Shaw.
8256	C-1406	Conservative Investment Company.

## BONDS.

Decision No.	Application No. or Case No.	Name of utility
7936	5219	Haines Canyon Water Company.
7965	5209	Fresno City Water Corporation.
8259	4128	East Bay Water Company.
8385	6137	Pasadena Consolidated Water Company.
8329	2721	Pacific Pipe Line Company.
8624	2641	West Riverside Canal Company.
9016	6797	Port Costa Water Company.
9066	6862	Port Costa Water Company.
9135	6862	Port Costa Water Company (Supplemental Order).

## RULES AND REGULATIONS.

Decision No.	Application No. or Case No.	Name of utility
7938	2801	Empire Water Company.
8596	C-1470	R. E. Uts et al. vs. F. Meyers-Pullman Water Company.
8849	C-1309	Town of Corte Madera vs. Corte Madera Water Company; Corte Madera Water Company.
	4401	

CHAPTER IX.

TELEPHONE AND TELEGRAPH DIVISION.

During the year from July 1, 1920, to June 30, 1921, this Division has conducted investigations into valuation, operation and maintenance of numerous telephone utilities in connection with applications and complaints pending before the Commission.

The character of the different matters handled is shown by the following tables:

FORMAL APPLICATIONS.

For rate increases:	
Granted.....	12
Pending.....	16
Dismissed.....	1
For transfer of property:	
Granted.....	7
For issue of securities:	
Granted.....	11
Pending.....	2
Dismissed.....	1
For certificate of convenience and necessity:	
Granted.....	9
Denied.....	1
Pending.....	1
Dismissed.....	1
For modification of General Order No. 57:	
Granted.....	1
Pending.....	1
For authority to abandon service:	
Granted.....	2
Denied.....	1
Pending.....	2
Dismissed.....	3
For extension of time within which to conform with safety laws:	
Granted.....	5

FORMAL COMPLAINTS.

Formal cases involving reasonableness of rates, service, delayed installations and invasion of territory were handled as follows:

Reasonableness of rates:	
Prayer of complainant granted.....	1
Pending.....	4
Service:	
Prayer of complainant granted.....	1
Pending.....	3
Dismissed.....	4
Delayed installations:	
Pending.....	1
Invasion of territory:	
Pending.....	1

TOTAL NUMBER OF APPLICATIONS AND COMPLAINTS.

Granted.....	47
Denied.....	2
Pending.....	31
Dismissed.....	10

AMOUNT OF PROPERTY INVOLVED IN APPLICATIONS.

Rate increases.....	\$20,931,939 00
Transfer of property.....	19,069 00
Issue of securities.....	1,589,221 00



## VALUATIONS.

For use in these applications for increase in rates, the Division has made valuations as follows:

	Reproduction cost	Reproduction cost less depreciation
Needles Gas and Electric Company.....	\$16,177 00	\$12,978 00
Rio Vista Telephone and Telegraph Company.....	24,301 00	18,544 00
Siskiyou Telephone Company.....	37,909 00	24,821 00
Turlock Home Telephone Company.....	32,976 00	24,956 00
Delta Telephone Company.....	112,339 00	82,655 00
Forest Hill Telephone Company.....	2,855 00	2,198 00
L. N. Wood.....	2,729 00	1,621 00
McFarland.....	6,570 00	4,430 00
R. L. Swanson.....	9,117 00	5,471 00
Southwestern Home Telephone Company.....	382,297 00	259,390 00
Totals.....	\$627,270 00	\$437,064 00

## FARMER LINE CONSTRUCTION.

The Division's investigations have disclosed that farmer line service is frequently inefficient and oftentimes this is found to be due to the failure on the part of the farmer line organization to properly construct and maintain its lines. Accordingly, the Division has had in hand the preparation of a set of standards for farmer line construction. Drawings have been prepared illustrating these standards. It is intended that they be issued later in the form of a report and it is hoped that they may be made of general use.

## SOUTHERN CALIFORNIA TELEPHONE CO. INVESTIGATION.

Due to the rapid increase in demand for telephone service, the subject of delayed installations became especially aggravated in the city of Los Angeles and vicinity. On this account the Commission instituted, on its own motion, proceedings against the Southern California Telephone Company, calling for an investigation of the service being rendered by this company. Public hearings were held and an investigation was made by the engineers of this Division, working in cooperation with the board of public utilities in the city of Los Angeles. A list was obtained of all applications of telephone service pending on February 11, 1921, together with the probable date of relief in each case. Over 4000 letters were sent out to the various applicants for telephone service advising as to the probable date of installation. The testimony in this case showed that the Southern California Telephone Company had made its plans for 1920 with the expectation that there would be a net gain in the number of telephone installations during 1920 of 1500 stations. As results afterwards showed, the number of applications actually received during 1920 far exceeded this number as did also the net gain in telephone stations. The Southern California Telephone Company has now under way the construction of a new plant which, when completed, will amount to an investment of many millions of dollars. This is designed to take care of the applications for telephone service. The Commission is following the progress of this work but has not yet rendered a decision in this case.

## CHAPTER X.

RATE DEPARTMENT—TRANSPORTATION.  
STORAGE, WHARFAGE.

The constituent divisions of the Rate Department of the Commission, each presenting problems of rate regulation vitally important to the people of the state, may be classified as follows:

1. Railroad and Express Common Carriers.
2. Common Carriers by Water.
3. Interurban Auto Stages and Trucks.
4. Warehouses.
5. Food Warehouses (Cold Storage).
6. Wharfingers.

During federal control the activity of this Rate Department, like that of other departments, was held in suspension to a greater or lesser degree, but with the relinquishment on March 1, 1920, by the United States of the possession and control of the railroads and systems of transportation from federal control and the restoration thereof to the possession and control of their respective private owners the Rate Department, together with all other departments, began at once to function with renewed vigor.

In the files of this department today are copies of every tariff and supplements thereto of all public utilities above enumerated, so indexed and maintained as to enable the Commission and the public to be quickly and accurately informed on all occasions in matters pertaining to or concerning intrastate rates or fares.

There are on file approximately 1000 active freight and passenger tariffs of railroad and express common carriers, the schedules of passenger rates and fares of 770 interurban stage and truck line operators, 475 freight tariffs of warehouses, including those warehouses which serve to facilitate the transportation of property by common carrier or vessel, or the loading or unloading of the same, and those in which food commodities are regularly stored for compensation, including cold storage plants, elevators, and refrigerating plants, 125 freight and passenger tariffs of water line carriers, and 50 freight tariffs governing the operations of wharves.

Every effort is made to promote simplicity of tariff publications and thereby lessen questions constantly arising regarding the interpretation and application of tariff rates and fares and rules and regulations governing charges for transportation.

## COMMON CARRIERS.

## Steam and electric railroads.

The term "railroad," when used in the Public Utilities Act, includes every commercial, interurban and other railway other than a street railroad, and each and every branch or extension thereof, by whatso-

ever power operated, together with all tracks, bridges, trestles, rights of way, subways, tunnels, stations, depots, union depots, ferries, yards, grounds, terminals, terminal facilities, structures and equipment, and all other real estate, fixtures and personal property of every kind used in connection therewith, owned, controlled, operated or managed for public use in the transportation of persons or property.

Included in the term "common carrier," as that term is used in the Public Utilities Act, is every railroad corporation, street railroad corporation, express corporation, dispatch, sleeping car, dining car, drawing room car, freight, freight line, refrigerator, oil, stock, fruit, car loaning, car renting, car loading, and every other car corporation or person, their lessees, trustees, receivers or trustees appointed by any court whatsoever, operating for compensation within this state; and every corporation or person, their lessees, trustees, receivers or trustees appointed by any court whatsoever, owning, controlling, operating or managing any vessel engaged in the transportation of persons or property for compensation between points upon the inland waters of this state, or regularly engaged in the transportation of persons or property for compensation upon the high seas on regular routes between points within this state.

The geographical position of California, with its great harbors the western gateway to a constantly expanding commerce on the Pacific, has given to the state some of the most important steam railroad systems in the United States.

Here are located general offices of transcontinental lines, great terminal facilities serving as the connecting link between rail and water transportation, and principal offices of innumerable purely intrastate systems. Between San Francisco and the transbay cities is the most extensive interurban ferry service in the world. Radiating out of Los Angeles is a network of suburban and interurban electric lines unequalled in extent by any other known system.

During federal control of railroads the question arose as to whether state commissions had jurisdiction over rates of carriers under control of the United States Railroad Administration. The dispute was carried to the Supreme Court of the United States for adjudication. That tribunal, on June 2, 1919, decided that state regulatory bodies were without jurisdiction over rates of such carriers during the period of federal control. The Commission was still vested, however, with concurrent jurisdiction over joint rates between federal and nonfederal controlled lines and as to such rates exercised its ordinary power of supervision and regulation.

Under provisions of section 208 (a) of the Transportation Act of 1920 the federal government guaranteed to carriers a fixed rate of return until September 1, 1920. The act further provided that the rates, both intrastate and interstate, in effect as of February 29, 1920, should not be reduced prior to September 1, 1920, except by permission of the Interstate Commerce Commission, with state rate reductions to be first passed on by the State Commission and thereupon submitted to the Interstate Commerce Commission with the state tribunal's recommendations. It appears, therefore, that the Railroad Commission of California has no jurisdiction over reparation awards involving shipments

moved prior to September 1, 1920, during the period of federal control or during the period of federal guarantee.

On March 1, 1920, however, pursuant to the provisions of the new interstate transportation act, effective February 29, 1920, all railroads then under federal operation were restored to the possession and control of their respective private owners. Immediately the rate department assumed its proper status and began to function with renewed vigor, extending its authority to meet and cope with any and all problems concerning rate matters coming within the purview of the Public Utilities Act, by that act conferred upon the Commission and by the Commission in turn ascribed to the province of the rate department.

Important rate cases and applications were disposed of by the Commission during the fiscal year covered by the report.

Decision No. 7983 in Application No. 5728, rendered August 17, 1920, was the most comprehensive and far-reaching act of the Railroad Commission of the State of California during this period.

In the application, made jointly by practically all of the steam railroads, electric interurban railroads and boat lines operating in California, the Commission was asked to authorize these carriers to increase freight and passenger rates and to assess a surcharge upon passengers occupying sleeping and parlor cars on all intrastate business to the same extent as authorized by the Interstate Commerce Commission in an order made on the twenty-ninth day of July, 1920.

At the hearings before the Commission applicants introduced no evidence except the order of the Interstate Commerce Commission above mentioned, together with the application made to that commission which resulted in such order.

In its docket *Ex parte* 74, decided July 29, 1920, the Interstate Commerce Commission pursuant to the act of Congress ordinarily known as the Esch-Cummins Act, or Transportation Act of 1920, had authorized an increase of rates for carriers under its jurisdiction and in determining the amount of such increases had included all revenue earned by these carriers on state as well as interstate business.

The act made it obligatory upon the Interstate Commerce Commission so to fix rates as to return to the owners of the carriers  $5\frac{1}{2}$  per cent net earnings, or, in the discretion of the Commission,  $5\frac{1}{2}$  per cent plus one-half per cent, the one-half per cent additional to be administered by the Commission under conditions provided for in the act.

The Interstate Commerce Commission thereupon divided the United States into four groups, namely, Eastern, Southern, Western and Mountain-Pacific. California was embraced within the Mountain-Pacific group. For this latter group the Interstate Commerce Commission concluded an increase of 25 per cent in freight rates and 20 per cent in passenger fares was necessary in order that carriers might receive the 6 per cent net earnings provided for by the Act.

The Railroad Commission of California was immediately confronted with these alternatives: either it must proceed and take evidence as to valuation, revenues and expenses, competitive conditions, long and short haul violations and the various other factors to which consideration is given in reaching a conclusion as to the reasonableness of rates and come to a decision based on the conditions in California alone, regardless of the effect the income produced by the rates thus fixed

would have upon the action of the Interstate Commerce Commission, or it must proceed in harmony with the decision of the Interstate Commerce Commission upon the assumption that the state rates should be increased in harmony with the interstate rates.

The Railroad Commission of California gave this matter very careful consideration and in doing so attempted to give weight to the probable consequences of proceeding upon either of these alternatives. It realized that to impose on intrastate business the identical percentage authorized by the Interstate Commerce Commission without requiring more evidence than then before it in this proceeding would in effect be the fixing through it of state rates by the Interstate Commerce Commission. Whether or not this constitutionally could be done was a question the Commission did not consider its function to decide. On the other hand, to proceed in the usual manner as though this were entirely an independent proceeding would have resulted in serious delay, as it was evident that to gather and submit adequate data upon which to base a sound judgment of what practically all transportation rates in California ought to be would require many months and all possibility of immediate relief to the carriers, found to be imperative by the Interstate Commerce Commission, would disappear.

This, however, was not the most serious result of independent action by this state. If this Commission, under the circumstances then confronting it, fixed state rates regardless of the order of the Interstate Commerce Commission, and if such rate fixing resulted in a return to the railroads of the Mountain-Pacific group of less than the 6 per cent authorized by the Interstate Commerce Commission, either the Interstate Commerce Commission would have found it necessary to further burden interstate commerce with rates high enough to make up the deficit resulting from the California action or, if legally possible, the Interstate Commerce Commission would have been compelled to overrule this Commission, or the Esch-Cummins Act would have been a demonstrated failure. It appeared to us, moreover, that if each state in a given group should insist upon wholly independent action and judgment, the whole spirit and purpose of the Esch-Cummins Act would be in danger of nullification. This Commission realized that the Interstate Commerce Commission, a national body entitled to the respect and confidence of the country, acting under the mandate of Congress, proceeded impartially from using the best available information and the best judgment of its members in the determination reflected in the order.

In the opinion the Railroad Commission of the State of California spoke as follows:

It is our deliberate judgment that it is the duty of this Commission to cooperate in every reasonable way to give the Esch-Cummins Act a fair trial and, rather than to attempt to impair the success of this legislation, to so act as to make it successful not merely on the general proposition that all laws should have a fair test, but on the more definite situation that now confronts this country. We must all realize that the transportation companies have resumed control of the various railroad properties under difficult circumstances, and in view of the vital needs of this country for adequate transportation it is the duty of all citizens and officials to further any movement looking to the bettering of the transportation business.

We feel that regardless of any opinion we might have as to the wisdom or unwisdom of the Esch-Cummins Act, it is the foundation upon which the regulation of the railroads now rests and to shake that foundation would be against the public interest.



We do not mean to say that this Commission has abdicated its functions in rate fixing, as we believe that our determination to grant the prayer of applicants is sustainable upon the ground of reasonableness. Furthermore, we realize that we have a heavy responsibility in the matter of adjusting state rates which inevitably will become necessary upon the imposition of a percentage increase. The shippers who appeared before us in this proceeding have taken a very commendable position. Practically without exception they have stated their conviction that the railroads must have relief in increased rates in order adequately to give service. Furthermore, they believe that this Commission should cooperate with the Interstate Commerce Commission and make effective its order increasing rates. They do urge, however, that this Commission keep control of the matter of adjustment of rates after the imposition of a percentage increase.

The carriers have agreed that they will, as promptly as possible, make adjustments or change rates in agreement with their patrons wherever possible without resort to this Commission and as to all disputes or disagreements which may arise they will be promptly referred to this Commission for decision.

As to the carriers who are before this Commission and who might not be considered to be directly authorized by the Interstate Commerce Commission to increase rates, it is to be remembered that they are in competition with the carriers who will charge increased rates and it is necessary that the relationship of rates between the carriers be maintained.

We will, therefore, authorize all carriers applicant herein to increase freight charges 25 per cent and passenger fares 20 per cent with a surcharge on Pullman fares of 50 per cent which will accrue to the carriers, and we will further order that this proceeding be kept open for the purpose of considering adjustments of rates and all further appropriate matters which properly may come before us herein.

Permission was given the applicants to publish the rates authorized on one day's notice in a blanket supplement to all tariffs.

In the matter of the application (No. 6370), of the Peninsular Railway Company the Commission granted authority to the company to discontinue the forwarding and delivering of less than carload freight between all points located on its rails. Applicant showed that since 1916 the tonnage had decreased by 83 per cent and the gross revenue by approximately 60 per cent; that on some days no less than carload freight at all was received, although the carrier had its freight station employees on duty at San Jose and other points prepared to handle traffic. The situation is accounted for by the fact that the auto trucks on short haul traffic perform a superior service by giving a pick-up and delivery at both ends of the line.

If this company had been compelled to continue its less-than-carload freight service, further and greater losses would be incurred with the additional building of roads and the passenger service would necessarily be required to carry the financial burden.

The interests of the public should and will at all times be protected, but it is well established by decisions of commissions and courts that a common carrier can not be compelled to continue indefinitely operations resulting in loss, particularly, as in this case, where the public suffered no loss by reason of the curtailment of the service, the entire territory being adequately served by other means of transportation.

There are many decisions supporting this principle. In *Brooks-Scanlon Company vs. Railroad Commission of Louisiana*, 251 U. S. 396 (1920), the Supreme Court of the United States used the following language:

"A carrier can not be compelled to carry on even a branch of business at a loss, much less the whole business of carriage."

The soundness of the principle is indisputable.

Decision No. 8852, of April 12, 1921, covers the case of Blythe Chamber of Commerce, Palo Verde Valley Farmers Alliance, Palo Verde Joint Levee District of Riverside and Imperial Counties and Palo Verde Cotton Association against California Southern Railroad Company and The Atchison, Topeka and Santa Fe Railway Company. Complaint was made that the class and commodity freight rates and the passenger fares of defendants between all points in the Palo Verde Valley located upon the rails of the California Southern Railroad Company to Los Angeles and the intermediate points on the rails of The Atchison, Topeka and Santa Fe Railway Company, and all of the local freight rates and passenger fares of the California Southern Railroad Company were excessive, unreasonable and unjust.

The Associated Jobbers of Los Angeles intervened on behalf of the jobbing houses located at Los Angeles.

The Commission found as a fact that the local passenger fares of the California Southern Railroad Company and the through passenger fares in connection with The Atchison, Topeka and Santa Fe Railway were not excessive or unreasonable and that all of the freight class rates and practically all of the joint and local commodity rates were excessive. In lieu of the rates found excessive, the Commission ordered published certain revised schedules of rates establishing decreases of approximately 25 per cent, such schedules to be filed and become effective within thirty days.

In its opinion the Commission severely criticized the defendants for having failed to respond to the appeals of the shippers and arranged a readjustment of the rates and voluntarily accorded relief, the necessity for which having been very apparent, without waiting for formal action before the Commission.

The opinion likewise criticized as excessive and unreasonable the salaries of the general officers and stated that, while those salaries had not all been paid in cash, much of the amount remaining as a credit on the books, nevertheless they could not be included in the operating expenses.

Complainant's request for reparation was denied by the Commission for the reason that in a general readjustment of all rates reparation can not be granted without discrimination. In the case in question there was, moreover, no basis for an award.

On October 11, 1920, in Decision No. 8221, the Commission rendered its opinion in the case of South San Francisco Chamber of Commerce against Southern Pacific, The Atchison, Topeka and Santa Fe Railway Company (coast lines) and Western Pacific Railroad Company.

Complainant, alleging unreasonableness and discrimination: (1) assailed the switching limits of San Francisco and the rate for freight in carloads between San Francisco and South San Francisco, (2) maintained that the main-line carload rates to San Francisco should apply to South San Francisco and (3) prayed for the establishment of just, reasonable and nondiscriminatory rates.

The essence of complainant's case was that South San Francisco be placed within the San Francisco switching limits and given the same rates as apply to San Francisco.

Voluminous testimony and exhibits were considered by the Commission, followed by an order directing the Southern Pacific Company to cease and desist, on or before December 10, 1920, and thereafter to abstain from the undue and unreasonable prejudice and disadvantage found in the opinion to result from the publishing, demanding and collecting of a higher rate for the transportation of freight in carloads between South San Francisco and San Francisco locally, or between South San Francisco and Southern Pacific Company's transfer track with the Belt Railroad at San Francisco, when incidental to water transportation beyond, than it contemporaneously publishes, demands and collects for the transportation of like shipments between Elmhurst and Oakland Wharf. The Commission ordered further that the Southern Pacific Company be and the same is hereby notified and required to cease and desist, on or before December 10, 1920, and thereafter to abstain from the undue and unreasonable prejudice and disadvantage found in the opinion to result from the publishing, demanding and collecting of higher rates for the transportation of freight in carloads to and from South San Francisco when incidental to a line haul via Southern Pacific Company, and between South San Francisco and transfer tracks with the Santa Fe and the Western Pacific at San Francisco, when incidental to a line haul via those carriers, than it contemporaneously publishes, demands and collects for the transportation of like shipments at San Francisco and Oakland, and that the Southern Pacific Company, on or before December 10, 1920, extend its San Francisco switching limits to include South San Francisco and the industries located at South San Francisco and to apply to the limits thus established the San Francisco line-haul rates.

The Union Traction Company (Application No. 6341) applied for an order increasing its passenger fares in the city of Santa Cruz on its suburban line to Capitola. The Commission found that the existing rates were unjust, unreasonable and insufficient and that the rates requested were just and reasonable.

Upon the showing by applicants that the rates did not provide sufficient revenue to cover operating expenses, taxes and depreciation, not including interest upon its bonded indebtedness, and an investigation showing that the system is being operated in the most economical manner possible, the Commission granted permission to increase rates through the reduction in number of tickets sold for 50 cents from 8 to 6.

Woodworth Campbell, Agent, in the name and on behalf of N. Fay & Sons, Geo. A. Brown, Wheeler Transportation Company, Vehmeyer Transportation Company, Rio Vista Lighterage Company, Heringer & Scott, Scheckler & Hoffman Transportation Company, and Island Transportation Company applied (Application No. 5841), for authority to make effective rules and regulations for the transportation of freight and relief from the long and short haul provision of the constitution of the State of California between certain river points in the Sacramento and San Joaquin Valleys.

The proposed rates, rules and regulations are increases or resulted in increases. The Commission authorized increase in freight rates of from 24 to 26 per cent and directed that each of the applicants should



keep records of revenues and expenses in a methodical and comprehensive manner and by March 15, 1921, furnish the Commission a detailed report of revenues, expenses, depreciation, valuation of property and the like, covering their operations under the present increases.

In the matter of the application (No. 5728) of steam and electric interurban railroads and boat line common carriers to increase passenger rates and fares, the Commission denied the petition of the East Bay cities for rehearing as regards increase in commutation rates, San Francisco to East Bay points.

The Commission pointed out in detail the fact that as all interstate freight and passenger rates were uniformly increased to except a particular commutation district would be creating a discriminatory condition as regards all such increases, particularly other commutation districts not so excepted, and a further provision made in the original order which kept such proceeding open for the purpose of considering necessary readjustments of rates and of appropriate matters which may properly be brought before the Commission of which remedy petitioners made no effort to avail themselves.

Decision No. 8962: Pacific Portland Cement Company, Consolidated, filed a formal complaint against the Southern Pacific Company and the Cement, Tolenas and Tidewater Railroad Company attacking the rate of 70 cents per ton on lime rock from Flint to Tolenas, and a rate of \$6.50 per car from Tolenas to Cement as excessive, unjust, unreasonable, unduly prejudicial and preferential and in violation of sections 60 and 63, etc., of the Public Utilities Act. Complainant also asked reparation.

By *Ex parte* 74 of the Interstate Commerce Commission, decided July 29, 1920, and Decision No. 7983, August 17, 1920, of the Railroad Commission of the State of California, the rates attacked by complainant were made 90 cents per ton and \$8 per car, and these were the rates in effect at the time complainant attacked the 70 cents per ton—\$6.50 per car rate.

The Commission found that a rate in excess of 70 cents per ton charged and collected was unreasonable and that a reasonable rate would be 70 cents per ton for the future. In reaching the conclusion that the application should be dismissed, the Commission was not unmindful of the authority granted the carrier in its Decision No. 7983 to increase the entire fabric of freight rates. That authority was granted without consideration of any specific rates, they being subject to future adjustments as might appear necessary. The blanket authority given to the carriers to make the increase was based upon the exigencies of the situation arising out of the fact that the Interstate Commerce Commission had shortly before granted authority to carriers to increase all interstate rates.

Decision No. 8960: In compliance with the opinion and order rendered by Decision No. 8221, in Case No. 1433 of October 11, 1920, the Southern Pacific Company submitted to this Commission an application (No. 6390) for permission to establish certain switching charges at San Francisco, Oakland and Los Angeles, in order to remove the unreasonable prejudice and disadvantage found by Decision No. 8221 to exist.

Appearances in intervention were entered on behalf of the cities of San Francisco, Oakland, Alameda, Berkeley, Richmond and Los An-

geles. Hearings were held at San Francisco and Los Angeles and the entire switching situation at the great terminals concerned thoroughly reviewed, and the switching zone at the foregoing named places and charges applicable therein readjusted.

Complaints of Pacific Rice Growers Association (Case No. 1432) against The Atchison, Topeka and Santa Fe Railway Company et al., and Rosenberg Brothers and Company et al., against Southern Pacific Company et al. (Case No. 1437) were consolidated for hearing and decision.

In Case No. 1432 complainant alleged that defendants in the case accorded analogous commodities rates substantially lower than were accorded rice to and from the same points within the state and accorded to grain advantages such as milling, cleaning, storing and bulking, or otherwise treating in transit privileges, which are denied to rice and rice products.

Complainants alleged further that the present rates on rice and rice products are in and of themselves unjust, unreasonable and discriminatory and unduly prejudicial to the rice growers and producers of California and that these growers and producers had been seriously injured and would continue to be seriously affected until the cause for such injuries was removed. Complainants requested also the establishment by the Commission of a reasonable mileage scale of rates on paddy rice and rice products, and concluded with the demand that these commodities be accorded transit privileges such as milling, cleaning, storing and bulking or otherwise treating in transit from producing points to consuming points in California, and that the mileage rates act as a maximum in the future for the transportation of paddy rice and rice products between points within the state.

In Case No. 1437 complainants averred that defendants, Southern Pacific Company et al., maintain carload rates on grain within the state relatively lower than on paddy rice and that complainants have been and continue to be seriously injured by the alleged unjust, unreasonable and discriminatory rates.

The commodity in question was that of paddy rice, which is whole rice in the hull as it is sold by the grower to the miller.

The Commission found that a mileage scale of rates that would be reasonable and nondiscriminatory could not be constructed and therefore dismissed this part of the complaint.

Rice millers, especially those at tidewater, opposed the milling-in-transit privileges requested on the ground that such privilege would disturb the commercial relationship now existing and impair the value of the mill property. Eighty-five per cent of the rice grown in California moves to points outside of the state. As no justification or necessity for the milling in transit of rice moving locally within California and no benefit to be derived from the practice was shown, this part of the case likewise was dismissed.

The Commission found as a fact that the rates on paddy rice in carloads between points within the state were excessive, unjust and unreasonable and that just, reasonable and nondiscriminatory and non-prejudicial rates on paddy rice in carload quantities would be 125 per cent of the rates established August 26, 1920, applying to whole grains, viz., wheat, rye, oats, barley and corn in tariffs of defendant

carriers. The carriers were ordered to abstain from maintaining the unreasonable rates and to establish new rates in accordance with the above findings.

On page 253 *et seq.* of the opinion these cases contain a sketch of the rate war in the territory herein concerned between the rail carriers on the one hand and the water carriers on the other, unprecedented in the history of western transportation.

The effect of this rate war brought to light fully the already apparent evils of unrestrained and unregulated competition.

In Case No. 1514 the monthly commutation fare of \$11.64 of the San Francisco, Napa and Calistoga Railway between Napa and Vallejo was attacked as unfair and unreasonable to the extent that it exceeds a monthly fare of \$7 per calendar month.

In Case No. 1515 the monthly commutation fare of \$11.65 of the Southern Pacific Company between Napa and Mare Island Navy Yard was likewise attacked as unreasonable to the extent that it exceeds a monthly commutation fare of \$7 per calendar month.

The above entitled cases were consolidated for hearing and decision.

The complainants in the proceedings are commuters living in the city of Napa and employed at the United States Navy Yard at Mare Island across the channel from Vallejo.

The evidence showed that the carrier furnishes special train and boat service, morning and evening, between Napa and Mare Island to accommodate commutation travel, it being necessary to maintain a ferry service from South Vallejo to Mare Island which is required entirely by the commutation service.

Considerable testimony was taken to the effect that these commuters did not work on Sundays and being employees of the United States Government had the privilege of thirty days' vacation with pay each year. Evidence also was introduced to show that many of these commuters did not work on Saturdays. Commutation travel is wholesale transportation and reduced rates for such service are given upon the theory that the passenger makes one round trip daily and the carrier must maintain the same service throughout.

As no showing was made that the rates in effect were unreasonable or unfair, or that they produced an unreasonable return upon the investment, the complaints were dismissed without prejudice.

In this section of the report concerning the activity of the rate department during the fiscal year covered by the report in general we have analyzed only the more important and far-reaching rate decisions. Innumerable cases of lesser significance involving rate adjustments were considered during the period in question. Such cases related to and primarily affected local situations only and did not establish any new principles of regulation.

In addition to the formal proceedings referred to in the preceding paragraph more than fifteen hundred informal applications under sections 15, 24 (a) and 63 (a) of the Public Utilities Act requesting permission to make specific reductions in rates on less than statutory notice, relief from the provisions of the long and short haul clause of the Constitution, and to make increases in rates were received, thoroughly investigated and passed on by the rate department in the same period of time.

Every effort is made to aid the public in all matters pertaining to rates. Daily informal conferences bring about adjustments in the great majority of cases without the necessity of resorting to formal hearings. This policy of the Rate Department of having informal conferences aids in facilitating the disposition of formal proceedings which fill the calendar months in advance of the time set for the hearings therein. Every complaint made orally or in writing is given the most careful consideration.

#### **Express companies.**

During federal control all express companies were merged into a single unit, the American Railway Express Company. This single unit system, approved by the Interstate Commerce Commission, has not been disturbed since the return to private ownership.

During the entire period of control by the government of the United States, the express business was operated at a deficit. Pursuant to contractual obligation, however, entered into by and between the government and the express company the latter was recouped in full in its losses. This federal guaranty period was extended by Congress to September 1, 1920, in a provision of the Transportation Act of 1920, under which act the railroads and express company were returned to private operation and control.

On March 12, 1920, shortly after the restoration of the possession and control of the express company to its private owners, the company filed an application with the Interstate Commerce Commission petitioning that Commission to authorize certain increases in interstate rates, which in the opinion of the company would be sufficient to pay the petitioner's operating expenses and taxes, "with something added to build up a surplus to sustain credit during lean years." The increase in rates petitioned for, it was estimated, would produce additional revenue to the amount of about 25 per cent.

The Interstate Commerce Commission, on August 11, 1920, Docket No. 11326, 58 I. C. C. 281, granted an increase of 12½ per cent on interstate express rates in effect on that date, with a certain few exceptions, and included in the order authorizing the increase the provision that the entire amount of the increase should accrue to the express company. Accordingly, no part of this revenue went to the rail carriers.

The express company then applied to the Railroad Commission of the State of California for an increase on intrastate rates. The Commission, on September 17, 1920, in Decision No. 8121, authorized intrastate rate increases corresponding to those granted by the Interstate Commerce Commission, that is 12½ per cent, qualifying the matter of future authorization of increases as shown below.

Subsequently to the authorization by the Interstate Commerce Commission of the 12½ per cent increase, Docket No. 11326, but prior to the rendition by our Commission of Decision No. 8121 of September 17, 1920, above mentioned, the United States Railroad Labor Board, established by section 304 of the Transportation Act of 1920, rendered a decision granting to the employees of the express company additional wages, estimated to amount to \$44,258,903, retroactive to May 1, 1920. Thereupon the express company made a supplemental application to the

Interstate Commerce Commission for an additional increase of 15 per cent in rates to cover the award made by the Railroad Labor Board.

In view of the foregoing developments, and anticipating the request by the express company for further increase in intrastate rates, the Railroad Commission of the State of California in rendering its decision granting the 12½ per cent increase above referred to used the following significant language:

We are of the opinion that in this emergency this application can safely be granted in view of the fact that applicant now has before the Interstate Commerce Commission an application for a further increase of 15 per cent in its rates to meet the increased wages now being paid, and further considering that a request for similar increase will be made to this Commission. If request is made following the decision of the Interstate Commerce Commission in the 15 per cent proceeding for additional increases in rates or changes in classifications, resulting in increases in California rates, the applicant will be required to make an affirmative showing that the proposed increases, in so far as they affect California, are reasonable.

The Interstate Commerce Commission, on September 21, 1920, authorized an additional increase of 13½ per cent instead of the 15 per cent requested by the company in interstate express rates, with a few exceptions this increase like that of 12½ per cent theretofore granted, to accrue solely to the express company. Thus on October 13, 1920, there was in effect a total increase of 26 per cent in interstate express rates, accruing in its entirety to the express company.

Immediately following the latter decision by the Interstate Commerce Commission the express company filed a supplemental application with this Commission, petitioning for an increase in intrastate rates equivalent to that granted by the Interstate Commerce Commission. This Commission, on December 23, 1920, after a hearing held in the premises, by its Decision No. 8488, denied without prejudice the application for further increases in intrastate rates predicated its order on the grounds that no showing had been made by applicant, the American Railway Express Company; that applicant had offered no testimony of any kind to show whether California intrastate rates per se were or were not reasonable.

The American Railway Express Company has appealed to the Interstate Commerce Commission in a proceeding which seeks to set aside the intrastate express rates and petitioned the national commission to prescribe in lieu thereof rates in harmony with those authorized by it for interstate traffic. Appellant's petition avers that the present intrastate rates authorized by our Commission are unjust, unreasonable, discriminatory and result in an interference with intrastate commerce; that the state rates are inadequate to pay increased expenses of operation, and that the Transportation Act of 1920 makes it the duty of the Interstate Commerce Commission to adjust express rates so as to provide an adequate return.

The American Railway Express Company relies upon section 13, paragraph 4, of the Interstate Commerce Act to sustain its contention that there is an interference with interstate commerce on the part of the Railroad Commission of the State of California. The fourth paragraph of section 13 of the act reads as follows:

Whenever in any such investigation, the Commission, after full hearing, finds that any such rate, fare, charge, classification, regulation or practice causes any undue or unreasonable advantage, preference or prejudice as between persons or



localities in intrastate commerce on the one hand and interstate or foreign commerce on the other hand, or any undue, unreasonable, or unjust discrimination against interstate or foreign commerce, which is hereby forbidden and declared to be unlawful, it shall prescribe the rate, fare, or charge, \* \* \* thereafter to be observed, in such manner as, in its judgment, will remove such advantage, preference, or discrimination \* \* \* the law of any state or the decision or order of any state authority to the contrary notwithstanding.

Our Commission believes that the orderly way to proceed in this case would be, if the express company is not satisfied with the present rates and if it believes they are not adequate and not compensatory, to apply again to this Commission and make a proper showing so that the Commission may be fully informed as to conditions and enabled to act accordingly.

**Water line transportation, including ferries.**

The many navigable waters of California afford the greatest opportunity for the development of water line freight and passenger transportation. A vast network of intercommunication has been established and is constantly being enlarged by the addition of new craft and the opening of additional territory.

Unrestrained competition among water line carriers or between water line and rail line carriers with its concomitant rebates systematically granted favored patrons had to give way to the trend of thought, and the necessity for amply protecting the public against discriminatory practices early became apparent. The carriers engaged in water line transportation were accordingly made subject to the jurisdiction, control and regulation of the Commission and the provisions of the Public Utilities Act.

The scope of the act includes vessels engaged in the transportation of persons and property for compensation between points upon the inland waters of this state, or regularly engaged in the transportation of persons or property for compensation upon the high seas on regular routes between points within this state, the term "vessel" excluding certain small craft, however. With these few exceptions all vessels above included must file tariffs in accordance with the regulations established by the Commission and are governed by all general principles applicable to changes in rates or rules and regulations provided for by the Public Utilities Act.

The most notable addition during the year to the fleet of vessels operating in coastwise transportation was that of the steamers "Harvard" and "Yale," placed in service in April, 1921, between San Francisco and Wilmington and Los Angeles by the Los Angeles Steamship Company. These two ships were taken from the San Francisco-Los Angeles route during the war by the federal government and placed in the transport service on the Atlantic. With the return of these speedy boats to California, passenger traffic between the northern and southern cities of the state will be stimulated to a noticeable degree.

Among the more important matters concerning freight rates of water line carriers brought to the attention of the Commission during the period covered by the report are the application of Woodworth Campbell, Agent, in the name and on behalf of N. Fay & Son, Geo. A. Brown, Wheeler Transportation Company, Vehmeyer Transportation Company,

Rio Vista Lighterage Company, Heringer & Scott, Scheckler and Hoffman Transportation Company, and Island Transportation Company, for authority to increase rates, decided August 23, 1920, and the applications of Colberg Motor Boats and the Delta Transportation Company, respectively, for authority to increase freight and passenger rates, decided November 26, 1920.

Testimony introduced by the expert accountant for applicants showing the property investment, volume of traffic, revenue and expenses of each of the interested parties disclosed the fact that after allowing for all operating expenses, including taxes and depreciation, none of the applicants earned reasonable net return. The Commission granted the permission requested in the application.

In view of the fact that applicants' books were kept in such a manner as to make it practically impossible to determine in each case the amount of revenue and expenses, each of the applicants was directed to keep methodical and comprehensive records of revenues and expenses and on March 15, 1921, furnish the Commission with a full report of revenues, expenses, valuation of property, depreciation account and the like, covering operations under the increased rates authorized, for the first six months, September, 1920, to February, 1921, inclusive, from which report the Commission would determine whether or not further action would be required in the matter.

In the applications of the Colberg Motor Boats and the Delta Transportation Company, common carriers of freight and passengers between Stockton and points on the San Joaquin, Sacramento, Mokelumne, Old and Middle rivers and their tributaries, a difficult traffic situation was presented for the adjustment by the Commission.

Prior to 1918 the Colberg Motor Boats operated practically alone between the numerous landings, the exception being an occasional individual carrier competing for a time, but for one reason or other failing to maintain a permanent service.

The Colberg Motor Boat service has grown from one small boat operated in 1918, to the present fleet of thirteen vessels and four arks, the latter conveniently stationed for commissary and sleeping quarters. These properties, together with other necessary equipment in use, have, it is claimed, a reproduction value of \$112,175. The boats of this carrier are operated at about 50 per cent of their capacity.

About August, 1918, the Delta Transportation Company with a fleet of six new vessels designed for fast freight and passenger service and equipped with modern machinery and high power engines inaugurated a competitive and more extended service materially affecting the revenues of the older utility, but not sufficiently strong to force competition from the field or draw to itself the major portion of the business. The Delta Transportation Company now owns five vessels, with a passenger carrying capacity of 100 each, and representing an alleged total investment of about \$90,000.

The Delta Transportation Company failed to file reports with the Commission, but exhibits submitted at the hearing showed a loss sustained each year since the beginning of operations on August 1, 1918, or a total loss of \$57,747.54, not including any depreciation or return upon investment.

The Delta Transportation Company's boats are like those of the Colberg Motor Boats, carrying only a small percentage of their capacity. The service rendered by the two applicants is essentially for the carrying of passengers.

The facts plainly showed this to be a case of one utility voluntarily entering a field well served by a like utility at rates satisfactory to both itself and its patrons, as indicated by affirmative testimony, by the absence of complaints and by the profit theretofore earned by the older utility.

A traffic situation thus presented itself for solution by the Commission which the Commission, by reason of limitations of the law, had been powerless to prevent. It was called upon to untangle the affairs of two utilities, both of which had been brought into financial difficulties through the desire of the newer to reap some of the profits of the older, and petitioned to authorize a system of rates guaranteeing a reasonable return on the duplicate investments with the only logical result that, if the increase asked for were granted, the patrons formerly well and satisfactorily served at reasonable rates would be obliged to pay more than they should be called upon to pay.

It was established further that the service could be given to the public by one operating carrier with rates but slightly in excess of those now in effect, resulting in a profit to the one utility, but that two companies could not be properly maintained, even at the excessive rates petitioned for in the applications. Conditions remaining the same, both companies would, in spite of the great increase in rates, operate at a loss.

It was the conclusion of the Commission, therefore, that the applications should be and they were denied in so far as the granting of the specific schedule of rates was concerned. The Commission was of the opinion, however, that the increase in operating expenses justified an increase in rates and authorized an increase of 25 per cent, using the tariffs, both freight and passenger, of the Colberg Motor Boats as a basis.

In arriving at its conclusion the Commission cited and reaffirmed the principle enunciated in Case No. 534, Decision No. 1778, September 4, 1914 (Volume 5, Opinions and Orders of this Commission, pages 361-366) wherein the Commission employed the following language:

Two competing lines driving down the rates to a point lower than would otherwise exist, now apply to this Commission for an increase in rates on the ground that the duplication of facilities on the San Joaquin River has made it impossible for either line to secure sufficient traffic to make its business profitable. Hence, the rates of both lines must be increased and the measure of the increase is determined by the alleged losses of the two lines. I assume if a third line should enter this transportation field and therefore further divide the business, that it would be urged that the still less heavily laden crafts should be permitted to raise their rates still more because of the unnecessary additional investment. The situation here presented gives us both the evils of monopoly and the evils of competition, with none of the advantages of either. A single set of facilities in a natural monopoly field tends to reduce to the minimum the amount of the investment upon which an earning shall be allowed, and, likewise, tends to work to capacity the facilities devoted to the business. Unregulated, however, the agency in control of such a single set of facilities tends to take all it can get from its patrons. On the other hand, duplication of facilities, when actual competition exists, tends to induce those in control of such facilities to take the minimum which it is necessary for them to secure and still carry on the business. In the case before us, however, we have the admitted duplication entailing the use of surplus facilities and the working of these boats at much less than maximum capacity and still we are asked to raise these rates and impose upon the public the burden which is necessary to pay an earning upon



the entire property. The public can not be expected to accept the evils both of competition and monopoly and even though it appeared here that, by reason of the working of these boats at a less than maximum efficiency, an adequate earning were not produced, it would not be necessary for public authority, under well established principles, to permit an increase, because it is the rule that the public may not be required to give a return upon facilities that are not necessary in the service of such public.

Nearly 50,000,000 passengers were carried on ferries crossing San Francisco Bay during the fiscal year ending June 30, 1921, almost 1,500,000 more than during the previous fiscal year.

Statistics issued by John K. Bulger, United States Supervising Steamboat Inspector, disclose the fact that the Southern Pacific Company ferry business as a whole decreased from 27,499,355 in 1920 to 27,071,923 in the fiscal year just ended and that passenger traffic on that company's automobile ferry via the creek route increased during the same period from 1,972,225 to 2,753,452. The San Francisco-Oakland Terminal Railways' ferries, commonly known as the Key Route ferries, carried 14,599,776 passengers during the fiscal year as compared with 14,950,765 the previous fiscal year; the Northwestern Pacific Railroad Company's ferry travel increased from 6,609,516 to 7,010,046 during this period. In the last nine months of the previous fiscal year 33,301 passengers crossed the bay on the Western Pacific Railroad Company's ferries. This company's line was used by the Southern Pacific Company during the first three months of that year. During the entire fiscal year just ended, the Western Pacific Railroad Company's ferries carried 105,043 passengers across the bay, while 40,978 persons traveled on The Atchison, Topeka and Santa Fe Railway's ferries during the year. During the previous year the Santa Fe used the Southern Pacific ferry. Other bay passenger travel during the year just ended was: Local, Port Costa and Benicia, not on Southern Pacific Company's trains, 20,429; Vallejo and Vallejo Junction, 997,730; San Francisco and Vallejo, 851,288; Martinez and Benicia, 142,264; Richmond and San Rafael, 333,152; Rodeo and South Vallejo, 128,723; Carquinez Straits at Valona (Six-minute Ferry), 469,320.

#### WAREHOUSES.

Previous to the enactment of the Food Warehousemen Act by the legislature of 1919 the jurisdiction of the Commission extended to such warehouse utilities only as come within the provisions of section 2 (aa) of the Public Utilities Act.

Section 2 (aa) defined the term "warehouseman" as:

"Every corporation or person, their lessees, trustees, receivers or trustees appointed by any court whatsoever owning, controlling, operating or managing any building or structure in which property is regularly stored for compensation within this state, in connection with or to facilitate the transportation of property by a common carrier or vessel, or the loading or unloading of the same, other than a dock, wharf or structure, owned, operated, controlled or managed by a wharfinger."

Interpreting the above quoted language, the Commission ruled that the following utilities were not included in the section and therefore

exempt from requirements of the act with reference to the filing of tariffs or reports and so forth:

All private warehouses;

Temporary accommodations and irregular storage afforded by drayage and transfer companies;

Storage facilities of common carriers (covered by Terminal Tariffs);

Warehouses catering to patrons storing household goods, second-hand furniture, etc., to be returned to owner;

Cold storage plants.

Cases presented themselves to the Commission in which there was a question of doubt as to whether the warehouses concerned were such as the legislature contemplated placing under the jurisdiction of the Commission, the overlapping of functions of the various kinds of warehouses often making it difficult to ascertain the precise nature of the service rendered. In such cases of doubt, where it appeared reasonable, however, that the legislative intent would coincide with the Commission's opinion in the matter, the warehousemen were required to file tariff of rates and rules and regulations governing their service and practices.

Warehousing has become one of the great utility fields in California. Production in the state is on such a gigantic and constantly increasing scale that without adequate and continually augmented facilities for storage and handling of crops the agricultural, horticultural and viticultural interests would be circumscribed in their natural development and the progress of the state retarded. Warehousing is thus obviously affected with a public interest and the necessity for its regulation by the state through the agency of the Commission self-evident.

More than 400 of the warehousemen subject to the Public Utilities Act, as described in section 2 (aa) thereof, have filed tariffs of rates, rules and regulations. Many of these warehouses have established great warehouses and elevators throughout the cities and in the country districts from the extreme northern part of the state south to the Mexican border. One of the larger companies operates a total of 50 warehouses in the counties of Stanislaus, Merced and San Joaquin; another has warehouses in 13 different cities in the Imperial and Perris valleys; still another maintains 15 warehouses in the two counties of Santa Barbara and San Luis Obispo. In the city of San Francisco one company operates ten large warehouses. These figures give but a faint idea of the vast number of rate matters dealt with by the rate department in the adjustment of the problems that present themselves continually with reference to warehouse control and regulation.

During the year the De Pue Warehouse Company, Kitrick & Hall Warehouse Company and Hochheimer & Company applied to the Commission for authority to increase and adjust rates charged for storage and services at petitioners' respective warehouses located at points in the Sacramento Valley.

The circumstances were such that the Commission was of the opinion that a formal hearing was not necessary and in Decision No. 9155 of June 24, 1921, granted the request. The adjustments made were primarily intended to remove inequalities at the different warehouses and resulted in a very small additional net revenue. The changes in grain

rates resulted in increasing a few of the season rates, running from 5 cents to 25 cents per ton.

Applicants also stipulated that if protests of merit against the adjustment of rates should be filed with the Commission, the former rates would be immediately restored pending investigation, and that, if the Commission should order a restoration of the old rates, refund of excess collections would be made.

Another application primarily of interest to the southern part of the state was that of the Davies Warehouse Company, Los Angeles Warehouse Company, Pacific Commercial Warehouse Company, Santa Fe Warehouse Company, Shattuck & Nimmo Warehouse Company, and Union Terminal Warehouse Company for permission to increase rates and charges for storing and handling commodities in warehouses in the city of Los Angeles.

Each of the foregoing named companies is a public utility, in that it performs a regular storage service for compensation in connection with or to facilitate the transportation of property by common carrier or vessel, or the loading or unloading of the same.

Prior to the enactment of Chapter 91, Statutes of 1915, jurisdiction over warehouse utilities in the city of Los Angeles was vested in the municipality. By the statute, effective August 8, 1915, the Railroad Commission acquired the same power of control over public utilities within the various incorporated cities of the state as it had previously exercised in other cases. Applicants herein who were operating at that time and had not already done so, were required to file their schedules of rates and regulations and otherwise comply with the terms of the Public Utilities Act as amended.

Schedules so filed were in no wise uniform, being in most instances but memoranda based upon individual experience afforded by the tonnage then available. These schedules were superseded by printed tariffs, known as Warehouse Tariff No. 2, filed April 4, 1919, the same representing a concerted effort to bring the schedules within the Commission's tariff requirements, the rates on some of the principal commodities being from 25 to 50 per cent higher than previously in effect. As increased, these rates were designed to produce approximately 25 cents per ton per month storage and 25 cents per ton for the labor costs of handling the commodities into the warehouses delivering the same. On March 1, 1920, under authority of Decision No. 7118, dated February 11, 1920, the handling charge was increased by 50 per cent, making a charge of  $37\frac{1}{2}$  cents per ton. Applicant's schedules now in force (Warehouse Tariff No. 3, C. R. C. No. 3) became effective December 6, 1920, and carry rates and regulations uniform as to all parties to the proceeding in question.

The Commission, upon a consideration of all the evidence in the case, found that there was no justification for increasing the present basic labor handling charge of  $37\frac{1}{2}$  cents per ton to 75 cents per ton, an increase of 100 per cent, as requested, but was convinced that the rate of  $37\frac{1}{2}$  cents per ton was unremunerative. The Commission, therefore, authorized applicants to publish and file tariffs containing labor handling charges on a basis rate of 50 cents per ton, also to establish certain desired rules and regulations. The remainder of the application was ordered dismissed without prejudice.

**Food warehouses—Cold storage.**

The all-controlling interest of the public in the distribution of food commodities resulted in the extension of the principle of regulation from the application thereof to the warehouses included within the provisions of section 2 (*aa*) of the Public Utilities Act to warehouses, buildings, structures, elevators or plants in which food commodities, regularly received from the public generally, are stored for compensation, including cold storage plants and refrigerating plants, but not including private homes, hotels, restaurants or exclusively retail establishments, or others not storing articles of food for other persons for compensation.

In enacting the act, the legislature declared the purpose thereof to be the safeguarding of the public against the creation and perpetuation of monopolies and to foster and encourage competition, by prohibiting unfair and discriminating practices by which fair and honest competition is destroyed. It declared further that food warehousemen, as defined in section 2 of the act, were engaged in a business tending to monopoly, and that by reason of such monopolistic tendency and by reason of its vital connection with the distribution of public necessities, such business to be clothed with a public interest and subject to public regulation and control for the public welfare as a public utility, as in the act provided.

Approximately forty food warehousemen have filed tariff of rates and rules and regulations governing their operations.

Three applications of particular importance to the city of Los Angeles and southern California in general, petitioning the Commission for increases in rates were filed respectively by the Los Angeles Ice and Cold Storage Company, Merchants Ice and Cold Storage Company and National Ice and Cold Storage Company. The applications, affecting a large part of the cold storage business in the city of Los Angeles, were consolidated into one proceeding.

Each of the companies is a food warehouseman and a public utility as defined in sections 2 and 3 of the Food Warehousemen Act.

The original and amended applications of the three applicants were substantially identical and the revised rate schedules and rules the Commission was asked to authorize involved increases on practically all commodities covered by applicants' schedule. Applicants alleged that in the case of neither company did the net earnings from the public utility portion of the business leave an adequate return on the investment or value of the plant after all proper deductions were made from gross revenue for operating and other expenses.

Formal protests against granting the applications were filed on behalf of seventeen firms storing food commodities and merchandise in Los Angeles, the protests generally challenging the accuracy of applicants' claims as to investment, segregation and expenses as between the public utility and non-public utility portion of the business and the figures submitted by applicants with reference to the results of the proposed change. The city of Los Angeles, through the Board of Public Utilities, appeared in opposition to the granting of the applications.

During the hearing it was disclosed that the rates now in effect not only represent the maximum rates permitted by the federal govern-

ment during the war, but are, generally, in excess of those maximum charges.

Applicants proposed to make still further increases as provided for in the applications.

The Commission instructed its engineering department to check applicants' inventories and appraisals and to make its own independent valuation to the extent deemed necessary.

The entire matter presented by the applicants was thoroughly investigated and the Commission came to the conclusion after consideration of all the evidence that an increase in the cold storage rates and a change in rules and regulations as proposed by applicants were not justified at this time, and, if granted, would result in unfair and unreasonable rates, charges, rules and regulations. It was accordingly ordered that the applications be dismissed.

It was further ordered that the request of the protestants for the reestablishment of season rates on certain commodities be denied and that the monthly limit of time in computing rates and charges be retained for all commodities.

#### WHARFINGERS.

Included within the scope of the term "wharfinger," as that term is used in the Public Utilities Act, is every corporation or person, their lessees, trustees, receivers or trustees appointed by any court whatsoever, owning, controlling, operating or managing any dock, wharf or structure used by vessels in connection with or to facilitate the receipt or discharge of freight or passengers for compensation within this state.

The interpretation of the meaning of the word "dock" has frequently resulted in controversy.

Wharves or piers are commonly referred to as "docks" and there is good authority for this usage. The more technical meaning of the word "dock," however, limits it to a slip or waterway extending between two piers or projecting wharves or cut into the land for the reception of ships. In the case of *Bingham vs. Doane*, 9 Ohio 165 (1837), the court held that a dock was a place for vessels, either excavated from the land or surrounded by wharves. The English court in *Hennessey vs. McCabe*, 1 Queen's Bench 491 (1900), held a dock to be a place which embraces the land bounding the water space as well as the water itself, and stated that this was the ordinary sense in which the word dock was used.

The operation of facilities furnished by wharfingers is far less subject to change than that of any other public utility subject to the jurisdiction, control and regulation of the Commission. Docks, wharves and piers once established require but slight modifications to accommodate fluctuating traffic.

Excepting a limited number of applications for approval of wharf franchises or renewals thereof by county boards of supervisors, the Commission's activity affecting wharfingers during the fiscal year covered by this report has been confined primarily to investigations involving matters of rates and service. The operations of wharfingers have been remarkably free from adverse criticism.



## CHAPTER XI.

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### AUTO STAGES AND TRUCKS.

The enactment by the Legislature of 1917 of legislation providing for the supervision and regulation by the Railroad Commission of the transportation of persons and property for compensation over any public highway of the state by automobiles, busses, auto trucks, stages and auto stages added greatly to the already large volume of matters confronting the Commission.

The new law at once placed under the jurisdiction of the Commission and the provisions of the Public Utilities Act innumerable automotive carriers, unaccustomed to regulation except such as had been imposed by municipalities under their police power in the matter of licenses, speed within the limits of the municipalities and the like, unfamiliar with the requirements of the act and the Commission's powers and duties thereunder, and many of them in and out of business almost over night.

This situation made it difficult to bring these carriers into a proper relationship with the provisions of the act dealing with the matter of rates, time schedules and safety regulations and required and still requires an enormous amount of correspondence and constant personal interviews with owners and operators to establish finally uniform and easily intelligible tariffs.

This work grew to such a great volume that in the early part of 1921 the Commission realized the necessity of establishing a separate department to handle auto stage applications and in the latter part of May it created what is known as the "Automobile Department."

#### TARIFFS AND SCHEDULES ON FILE.

There is now on file in the Rate Department and the Automobile Department of the Commission tariffs and time schedules of 771 authorized carriers operating within the State of California. A check of such tariffs filed by automobile carriers either under certificates granted by the Railroad Commission or through operation prior to the effective date of the Automobile Transportation Act, which was May 1, 1917, shows that of the 771 carriers, 430 carry passengers exclusively and 192 transport freight exclusively, 100 operate as carriers of both passengers and freight, 9 carry passengers and express, 6 have filed tariffs covering the transportation of passengers, freight and express, and the same number carrying freight and express, eliminating passengers. The remainder are what might be termed "special carriers," that is transportation companies engaged solely in the transportation of a single commodity or class of commodities, such as milk carriers or egg carriers or carriers transporting solely farm produce, vegetables or berries between truck gardens and jobbing centers.

Development of automobile transportation is not limited to any one particular section of the state, but is general throughout wherever road conditions will permit. There is practically no community of any size whatsoever in the State of California at this time which is not receiving automobile stage service and a considerable number of such communities receive service not only through passenger lines, but by truck lines as well.

#### REQUIREMENTS FOR CERTIFICATE.

Of 1099 applications filed with the Railroad Commission by the various classes of utilities subject to its jurisdiction during the fiscal year covered by this report, 537 of such applications were filed by automotive stage lines, this being approximately 50 per cent of the total number of applications filed during the fiscal year. Naturally a small percentage of such applications are filed by parties with absolutely no conception of the obligations of a common carrier or of the necessity to establish and maintain a dependable transportation service, the applicants in question merely showing a desire to enter the field. The Commission has established and strictly adheres to its policy that an applicant for a certificate to operate as a common carrier must make an affirmative showing that a public necessity exists for the service which he proposes and if he fails in such showing, the Commission has no alternative but to deny his petition. The mere desire of an applicant to enter the business does in no way establish a public necessity or convenience for such service. It is the public need based on a careful analysis of transportation conditions that determines the final ruling by the Commission on all stage applications.

#### DEVELOPMENT OF AUTO TRANSPORTATION.

Illustrative of the statewide development of the auto transportation utilities may be cited figures showing that autos are serving not only the thickly populated centers, but towns, cities and communities far removed from railroad centers. Neither the desert districts of the state nor mountain roads have proved a barrier to automobile development.

The town of El Centro, in the heart of the great Imperial Valley, according to tariffs filed by auto carriers, is served by 10 auto stage lines, 9 serve Susanville, in the shadow of Lassen, and 37 different lines carry San Diego either as a terminal or intermediate point. Los Angeles, apparently, is the center of state regulated auto traffic, 130 auto carriers showing the southern city in their freight or passenger tariffs. Next is Fresno, which is served either as a terminal or intermediate by 53 auto carriers. There are 34 auto lines operating into and out of San Francisco, 33 to and from San Jose, and 26 give service, passenger or freight, to Oakland. Following is a list of some of the principal cities of the state, the figures referring to auto

lines which give service to the points named either as a terminal or an intermediate point:

Los Angeles -----	130	Fresno -----	53
San Diego -----	37	San Francisco -----	37
San Jose -----	33	Sacramento -----	27
Oakland -----	26	San Luis Obispo -----	19
Santa Ana -----	18	Stockton -----	18
Eureka -----	18	Bakersfield -----	17
Pasadena -----	17	Riverside -----	14
San Bernardino -----	11	Santa Barbara -----	11
Chico -----	11	Taft -----	11
Red Bluff -----	10	El Centro -----	10
Redding -----	9	Susanville -----	9
Ukiah -----	9	Santa Cruz -----	9
Paso Robles -----	8	Westwood -----	7
Modesto -----	7		

#### UNIFORM ACCOUNTING FOR AUTO LINES.

The Commission has experienced considerable difficulty in securing reliable statistics of revenues and expenses and the amount of passengers and freight traffic handled by the existing lines due to the fact that a considerable number of carriers themselves have not kept any record whatsoever of their business and of those who did keep records their books were in such a shape that it was practically impossible to secure from them any reliable data whatsoever. To eliminate this condition, in so far as possible, the Commission has authorized its Department of Finance and Accounts to prepare a tentative classification of accounts for automotive carriers. The department has about completed this classification and it is hoped that by the following year all of the larger carriers will be maintaining a uniform set of books so that correct data may be secured from them with respect to their operation.

#### ASSETS AND REVENUES.

While the automotive business is yet in a formative state and a constant process of readjustment in the endeavor of the owners and operators to meet the requirements of their patrons, it may not be amiss to call attention to some of the assets and revenues of a few of the companies operating in the state.

The financial statement of one of the largest of these for the year ended December 31, 1920, shows the total value of assets to be \$633,878.60. The gross revenue of this company for the same period was \$1,075,991.11, of which \$1,014,927.01 was derived from passenger business, while the disbursements during the year were \$1,207,838.67 or \$131,847.56 more than the gross revenue. This company carried 2,501,176 passengers during the year. The statement of income and disbursements of another company shows its total value of assets to be \$263,181.09, gross revenue \$475,421.50, of which amount \$466,421.04 was derived from passenger business; disbursements during the year \$485,086.46.



Of the larger companies operating during the calendar year ending December, 1920, their reports show the following: 64 companies reported the number of machines operating at 650 or an average slightly in excess of 10 per company; of 31 companies reporting the number of passengers carried, the reports show an average of 200,000 passengers for the year; 89 companies reported total revenues of \$7,311,322.80 and total expenses of \$7,384,857.54.

From these figures it can be readily seen that the stage business is not in itself as profitable as many people believe and although there are a few companies whose earnings have netted them a reasonable return upon their investment, the majority of companies are what might be termed "merely breaking even," while a number are operating at an actual loss. Twenty-eight of the 89 companies above referred to reported losses totaling \$427,084.88 and 61 companies of the 89 reported profits of \$353,550.14.

#### UNIFORMITY IN TARIFFS AND SCHEDULES.

Many of the automotive carriers are now delegating powers of attorney to agents for the publication and filing of tariffs with the Commission, following the principle long ago adopted by railroad common carriers. This more recent development acts as an agency in bringing about a greater uniformity in the tariffs and a more systematic construction of the rate schedules.

During the fiscal year ending June 30, 1921, many tariffs were withdrawn by the original operators and the operative rights were transferred to other carriers, showing a trend more and more toward the elimination of the smaller and weaker lines through absorption by the larger and stronger and the retirement of the lesser from business. This process of gradual consolidation results in the establishment of more through service and through rates and fares, giving the patrons a larger degree of comfort by obviating the necessity of transferring at the various termini from the automobiles of one carrier to those of another.

## CHAPTER XII.

SERVICE DEPARTMENT—RAILROAD STAGE AND  
AUTO TRUCK OPERATION—SAFETY.

The Railroad Commission maintains a Service Department whose duty it is, among other things, to investigate and report upon the safety of railroad operation and the accidents caused by such operation, and to report and make recommendations for the betterment of all other conditions which it finds to be unsafe or deficient. Since the acquisition by the Railroad Commission of jurisdiction over automobile stage and freight truck transportation, field inspection of condition of automobiles and trucks and compliance with the safety rules and operating regulations prescribed by the Commission are cared for by the inspectors of the service department and during the year 1925 automobile inspections were made by such department and violations of the general orders of the Commission when found were required to be immediately corrected.

Among the more important things undertaken by the service department may be mentioned the inspection of dispatching methods, establishment of standard and uniform methods of operation and requiring carriers to properly examine the qualifications and physical fitness of employees in train and engine service.

## UNSAFE PRACTICES CORRECTED.

As a result of such inspections, which have continued over a series of years, many unsafe practices have been corrected and standard and uniform methods of operation have been prescribed for the smaller roads, thereby placing their general operation on a parity with the standard rules and methods which have been found to be safe by the larger systems. The dispatching methods and operating practices of the smaller railroad carriers in the State of California are now on a satisfactory basis and for some years no accident has occurred for which improper methods of operation was responsible. The work of the department also includes inspection as required by the statutes and rules of the Railroad Commission as to compliance by carriers with such laws and regulations.

## INDUSTRIAL CLEARANCES IMPROVED.

The matter of industrial clearances continues to receive attention and each year results in a number of clearances being corrected to the standards as prescribed by the Commission under its General Order No. 26; new construction is required to be done in accordance with the standards prescribed and as repair and renewal of old structures is undertaken the inadequate clearances are adjusted to standard, resulting in elimination of hazard of accident to trainmen and others.

## ACCIDENT INVESTIGATION.

Every train accident resulting in the loss of life or of serious injury to passengers or employees is investigated by the Railroad Commission. When a fatal accident occurs the companies' investigation and coroner's inquest are attended and an independent investigation made at the scene of the accident by the Commission's inspectors that all possible information may be available regarding the accident. Upon the receipt of these reports such orders or recommendations are issued by the Commission as appear to be necessary in the circumstances. Inspectors cover not only accidents due to conditions which may indicate unsafe operation, but also grade crossing accidents. As a result of the latter investigations, railroads have been required to afford additional protection at grade crossings which have been found to be unsafe or where it is evident that additional protection should be afforded.

## LIST OF ACCIDENTS.

The following is a partial list of the accidents investigated by the Railroad Commission's inspectors during the year ending June 30, 1921:

1. July 4, 1920. *Pacific Electric Railway Company*, Western Division—Crossing accident at Princeton street and Santa Monica boulevard. Two fatalities.
2. July 6, 1920. *Yosemite Valley Railroad Company*—Derailment of passenger train, east of Bagby Station.
3. July 9, 1920. *Pacific Electric Railway Company*—Grade crossing accident at Van Nuys. One fatality.
4. July 15, 1920. *Pacific Electric Railway Company*, Southern Division—Grade crossing accident at Newport. Two fatalities, one serious injury.
5. July 17, 1920. *Southern Pacific Company*, Los Angeles Division—Grade crossing accident at Hope street, South Pasadena. One serious injury.
6. July 27, 1920. *Pacific Electric Railway Company*—Derailment on Echo Park avenue line.
7. July 27, 1920. *Pacific Electric Railway Company*, Western Division—Grade crossing accident at Twelfth street, Sawtelle. One fatality.
8. August 13, 1920. *Southern Pacific Company*, San Joaquin Division—Grade crossing accident at Mariposa street, Fowler. One fatality.
9. August 14, 1920. *Southern Pacific Company*, Los Angeles Division—Grade crossing accident at Puente. One serious injury.
10. August 23, 1920. *Southern Pacific Company*, Coast Division—Grade crossing accident east of Hollister.
11. August 24, 1920. *Southern Pacific Company*, Coast Division—Grade Crossing accident at Atherton. Two persons injured.
12. September 15, 1920. *Southern Pacific Company*, Stockton Division—Grade crossing accident at French Camp. One fatality, one serious injury.
13. September 15, 1920. *Pacific Electric Railway Company*—Collision between freight and passenger trains. Ten persons injured.
14. September 18, 1920. *Pacific Electric Railway Company*, Northern Division—Collision between freight and passenger trains at Sierra Vista. Seventeen persons injured.
15. September 24, 1920. *Pacific Electric Railway Company*, Southern Division—Grade crossing accident at Redondo and Colorado streets, Long Beach. One fatality.
16. September 25, 1920. *Pacific Electric Railway Company*—Collision at Moneta. Seventeen persons injured.
17. September 30, 1920. *Atchison, Topcka and Santa Fe Railway Company*, Los Angeles Division—Grade crossing accident at Duarte. Two fatalities.
18. September 30, 1920. *Southern Pacific Company*, Western Division—Grade crossing accident west of Flosden Station. Two fatalities, one serious injury.
19. October 4, 1920. *Southern Pacific Company*, Western Division—Rear-end collision of electric passenger trains at Sixteenth street station, Oakland. Three passengers and three employees injured.
20. October 6, 1920. *Southern Pacific Company*, Western Division—Grade crossing accident, Florida street, Vallejo. One fatality.

21. October 13, 1920. *Southern Pacific Company*, Los Angeles Division—Grade crossing accident at Workman street, Los Angeles. Three fatalities.
22. October 10, 1920. *Atchison, Topeka and Santa Fe Railway Company*, Los Angeles Division—Grade crossing accident at Glendora. Five fatalities.
23. October 16, 1920. *Southern Pacific Company*, Stockton Division—Grade crossing accident at B street, Modesto. One fatality.
24. October 17, 1920. *Pacific Electric Railway Company*, Northern Division—Collision between passenger and freight trains at Sierra Park. Nineteen persons injured.
25. October 23, 1920. *Atchison, Topeka and Santa Fe Railway Company*, Los Angeles Division—Grade crossing accident at Elsinore. One fatality.
26. October 25, 1920. *Atchison, Topeka and Santa Fe Railway Company*, Los Angeles Division—Grade crossing accident at San Dimas. One fatality.
27. October 30, 1920. *Los Angeles and Salt Lake Railroad Company*—Derailment near Mannix. Four fatalities and thirty persons injured.
28. October 30, 1920. *Southern Pacific Company*, Stockton Division—Grade crossing accident west of Lathrop. One fatality, three persons injured.
29. October 31, 1920. *Southern Pacific Company*, Western Division, Oakland-Alameda-Berkeley electric lines—Street crossing accident at Page street and Central avenue, Alameda. Three persons injured.
30. November 6, 1920. *Pacific Electric Railway Company*, Northern Division—Grade crossing accident at Ramona Park. One fatality.
31. November 7, 1920. *San Francisco, Napa and Calistoga Railway*—Street crossing accident at Spring and Main streets, Saint Helena. Two persons injured.
32. November 12, 1920. *Pacific Electric Railway Company*—Grade crossing accident at Slauson Junction. Two fatalities.
33. November 14. *Southern Pacific Company*, Los Angeles Division—Grade crossing accident at Bassett. Two fatalities.
34. November 17, 1920. *Pacific Electric Railway Company*, Southern Division—Grade crossing accident at Wilmington. Two fatalities and two persons seriously injured.
35. November 17, 1920. *Pacific Electric Railway Company*, Northern Division—Grade crossing accident at Marengo avenue and Mariposa street, Pasadena. One fatality.
36. November 17, 1920. *Pacific Electric Railway Company*, Western Division—Grade crossing accident at St. Andrews place and Sunset boulevard. Two fatalities.
37. November 22, 1920. *Southern Pacific Company*, Los Angeles Division—Grade crossing accident at Puente. One fatality, one person injured.
38. November 25, 1920. *Southern Pacific Company*, Western Division—Highway crossing accident one mile east of Byron Hot Springs Station. Two fatalities, two persons injured.
39. November 27, 1920. *Pacific Electric Railway Company*, Western Division—Highway crossing accident. Three fatalities.
40. November 28, 1920. *Pacific Electric Railway Company*, Western Division—Highway crossing accident at Glendale. One fatality.
41. November 28, 1920. *Southern Pacific Company*, Stockton Division—Highway crossing accident at C street, Herndon. Two fatalities, four persons injured.
42. December 3, 1920. *Southern Pacific Company*, Western Division—Highway crossing accident at Hall Station. One fatality.
43. December 15, 1920. *Atchison, Topeka and Santa Fe Railway Company*, Los Angeles Division—Collision between two freight trains near Selwyn Station. One employee injured.
44. December 26, 1920. *Pacific Electric Railway Company*, Eastern Division—Passenger train derailment near Colton. No personal injuries.
45. December 19, 1920. *San Diego and Arizona Railway Company*—Derailment near Aspara. Two employees injured.
46. January 2, 1921. *Southern Pacific Company*, Western Division—Street crossing accident at Lincoln avenue and Bay street, Alameda. Five persons injured.
47. January 8, 1921. *Pacific Electric Railway Company*, Southern Division—Street crossing accident at South Main street, Los Angeles. Three fatalities.
48. January 10, 1921. *Pacific Electric Railway Company*, Eastern Division—Grade crossing accident at Nevada street, Redlands. One fatality.
49. January 13, 1921. *Southern Pacific Company*, Los Angeles Division—Grade crossing accident at Fourth and Alameda streets, Los Angeles. One fatality, one person injured.
50. January 14, 1921. *Tonopah and Tidewater Railroad Company*—Collision between stations of Dumont and Sperry. Three fatalities, three employees injured.

51. January 19, 1920. *Southern Pacific Company*, Los Angeles Division—Grade crossing accident at South Gate Gardens, Santa Ana Branch. One fatality, seventeen persons injured.
52. January 20, 1921. *Atchison, Topeka and Santa Fe Railway*—Los Angeles and Salt Lake Railroad—Collision in San Bernardino yard involving freight and passenger trains.
53. January 22, 1921. *Pacific Electric Railway Company*, Northern Division—Explosion of controller on Sierra Vista line car.
54. January 27, 1921. *Southern Pacific Company*, Western Division, Oakland-Alameda-Berkeley electric lines—Street crossing accident at Sanford street and San Pablo avenue, Oakland. One person injured.
55. January 30, 1921. *Pacific Electric Railway Company*, Northern Division—Highway crossing accident at Sierra Madre. Five persons injured.
56. February 1, 1921. *Pacific Electric Railway Company*, Northern Division—Derailment of passenger train at La Verne. Seventeen persons injured.
57. February 2, 1921. *Southern Pacific Company*, Los Angeles Division—Grade crossing accident near Bay and Alameda streets, Los Angeles. One fatality, one person injured.
58. February 12, 1921. *Pacific Electric Railway Company*, Northern Division—Collision on Pasadena line near Indian Village. One person injured.
59. February 14, 1921. *Petaluma and Santa Rosa Railroad Company*—Highway crossing accident one-half mile south of Denman Station. Two persons injured.
60. February 15, 1921. *Pacific Electric Railway Company*, Northern Division—Collision at Pomona Junction on Pomona line.
61. February 17, 1921. *Pacific Electric Railway Company*—Highway crossing accident at Nevada street, Redlands. One fatality, one person injured.
62. February 18, 1921. *Pacific Electric Railway Company*, Western Division—Grade crossing accident at Occidental and Sunset boulevards, Los Angeles. One person injured.
63. February 20, 1921. *Pacific Electric Railway Company*—Grade crossing accident at Jackson and San Pedro streets, Los Angeles. One fatality, two persons injured.
64. February 20, 1921. *Southern Pacific Company*, Western Division—Highway crossing accident at Giant Station. Two persons injured.
65. February 21, 1921. *Pacific Electric Railway Company*, Redlands line—Grade crossing accident at Tippecanoe Station. One fatality.
66. February 25, 1921.—*Pacific Electric Railway Company*, Western Division—Derailment at Tropico tower.
67. February 25, 1921. *Southern Pacific Company*, Western Division, Oakland-Alameda-Berkeley electric lines—Highway crossing accident at 10th avenue, Oakland. One fatality.
68. February 25, 1921. *Southern Pacific Company*, Coast Division—Highway crossing accident at Eocene Station. Two fatalities, two persons injured.
69. March 7, 1921. *Southern Pacific Company*, Stockton Division—Highway crossing accident at Fairmead. One fatality.
70. March 18, 1921. *Pacific Electric Railway*, Western Division—Derailment of passenger train on Venice Short Line.
71. March 19, 1921. *Pacific Railway Company*, Northern Division—Collision between two cars at Hill and Colorado streets, Pasadena. Several passengers slightly injured.
72. March 20, 1921. *Pacific Electric Railway Company*—Grade crossing accident at Grand avenue, Glendora. One fatality, one person injured.
73. March 24, 1921. *Pacific Electric Railway Company*, Southern Division—Grade crossing accident at Florence avenue station, Los Angeles. One person injured.
74. March 29, 1921. *Pacific Electric Railway Company*, Eastern Division—Collision in San Bernardino yards. One employee killed.
75. April 2, 1921. *Southern Pacific Company*, Western Division, Oakland-Alameda-Berkeley electric lines—Grade crossing accident at San Pablo and Staunford avenues, Oakland. One fatality, one person injured.
76. April 9, 1921. *Southern Pacific Company*, Coast Division—Grade crossing accident at Seaside avenue, Monterey. One person injured.
77. April 14, 1921. *Southern Pacific Company*, San Joaquin Division—Collision at La Rose, resulting in injury to 42 passengers and 11 employees. No fatalities.
78. April 18, 1921. *Pacific Electric Railway Company*—Los Angeles Railway Corporation—Collision between Pacific electric train and street car at intersecting crossing at Vernon avenue. One passenger injured.
79. April 18, 1921. *Pacific Electric Railway Company*, Southern Division—Collision at Hermosillo on the Redondo line. Two persons injured.



80. April 19, 1921. *Pacific Electric Railway Company*, Southern Division—Highway crossing accident at Delhi on Huntington Beach line. One fatality.
81. April 20, 1921. *Pacific Electric Railway Company*, Southern Division—Highway crossing accident at Thirty-eighth street and Long Beach Boulevard, Los Angeles. One person injured.
82. April 27, 1921. *Southern Pacific Company*, Stockton Division—Highway crossing accident at Modesto. Two persons injured.
83. April 27, 1921. *Southern Pacific Company*, Western Division—Highway crossing accident at foot of Tenth street, Oakland. One person injured.
84. April 29, 1921. *Southern Pacific Company*, Los Angeles Division—Highway crossing accident at Ordway. Two fatalities.
85. April 29, 1921. *Pacific Electric Railway Company*, Northern Division—Derailment at Gravel Pit Spur near Baldwin Park. Five persons injured and heavy equipment damage.
86. April 30, 1921. *Pacific Electric Railway Company*, Southern Division—Highway crossing accident at Twentieth street and Long Beach boulevard, Los Angeles. One person injured.
87. May 2, 1921. *Pacific Electric Railway Company*, Western Division—Grade crossing accident at Los Feliz road, Glendale. One fatality, two persons injured.
88. May 4, 1921. *Southern Pacific Company*, Western Division, Oakland-Alameda-Berkeley electric lines—Grade crossing accident at Stanford avenue and Los Angeles street, Oakland. One fatality.
89. May 5, 1921. *San Francisco-Oakland Terminal Railways*, Traction Division—Collision of street car and train of *Western Pacific Railroad Company* at Third and Washington streets, Oakland. Two persons injured.
90. May 6, 1921. *Pacific Electric Railway Company*, Southern Division—Grade crossing accident at Olive street, Compton. One fatality.
91. May 14, 1921. *Pacific Electric Railway Company*, Northern Division—Grade crossing accident at Alhambra road, South Pasadena. One fatality, three persons injured.
92. May 21, 1921. *Pacific Electric Railway Company*, Southern Division—Grade crossing accident at Willow street, Long Beach. One fatality, one person injured.
93. May 28, 1921. *Southern Pacific Company*, Los Angeles Division—Highway crossing accident on Alameda street, near Bay street. One person injured.
94. June 5, 1921. *Southern Pacific Company*, Sacramento Division—Highway crossing accident at Mullen Station. One fatality, two persons injured.
95. June 9, 1921. *Pacific Electric Railway Company*, Southern Division, Long Beach line—Highway crossing accident at Willowbrook. One fatality, two persons injured.
96. June 16, 1921. *Southern Pacific Company*, Western Division, Oakland-Alameda-Berkeley electric lines—Crossing accident at Fourteenth street, Oakland. Three persons injured.
97. June 22, 1921. *Motor Transit Company* (automobile stage line)—Highway accident near Montebello on the Whittier boulevard. One fatality, four persons injured.

#### INSPECTION OF SERVICE.

The Commission is constantly engaged in the inspection of the service of common carriers. This inspection covers such matters as:

- (1) Sufficiency of railroad equipment, number of trains, number of cars and proper seating facilities in cars;
- (2) Sufficiency and adequacy of depot facilities;
- (3) Location of new or abandonment of existing stations and requests for stopping trains;
- (4) Adequate number of trains or schedules on steam, electric inter-urban and street car lines.

Investigation is also made by the Railroad Commission as to compliance by carriers with the provisions of the "Full Crew Law," the "Headlight Law," the "Train Dispatching Law" and other safety regulations as imposed by statute or by Railroad Commission general orders.

Deficiencies or irregularities in railroad service are brought to the attention of the Railroad Commission either by its own inspectors or by informal complaint from the public. After investigation, the Railroad Commission directs such improvements or extensions in service as to it seems proper. Much is constantly being done in this way to maintain adequate service by common carriers.

#### **TIME-TABLES MUST BE FILED.**

Under General Order No. 31 of the Railroad Commission, all changes in steam and electric interurban railroad time-tables are required to be filed with the Railroad Commission and to be posted for the information of the public five days in advance of the effective date of the proposed changes. A supplement to this general order requires that in all instances where a reduction of passenger train service is contemplated, or where the abandonment of any stop is desired by the railroad, an outline of the proposed time-table must be submitted to the Railroad Commission thirty days prior to the proposed effective date of the change and that the permission of the Railroad Commission must be obtained prior to making any reduction in service or abandoning any stop. Similar requirements are imposed upon automobile stage and truck lines operating under the jurisdiction of the Railroad Commission.

All requests for the reduction of passenger service or the abandonment of stops are carefully investigated by the Railroad Commission. In many instances, due to an increase in train schedules during certain seasons to care for tourist or vacation travel, it is customary to reduce passenger train service when the particular travel for which the service was inaugurated no longer exists. In other cases, however, permission to withdraw passenger trains from service has been denied carriers if the Railroad Commission's investigation has shown that the public convenience required the retention of the service. In still other instances a rearrangement of schedules has been made, satisfactorily adjusting the extra service of which a carrier desired relief and also meeting the public demand for service. Practically all these matters are handled informally by correspondence, but occasionally are the subject of formal proceedings and the subsequent order of the Railroad Commission.

#### **ELIMINATION OF PASSENGER TRAINS.**

Following the return of the railroads to local operation, a number of time-table changes have been made, resulting in material reductions of train service and the elimination of a considerable number of passenger trains. These reductions have been made primarily for the reason that the expense of operating many local trains has greatly exceeded the revenue earned and, where the Railroad Commission has received a satisfactory showing that the trains proposed to be discontinued were not earning the direct operating cost, informal permission has been given for the discontinuance of such apparently unnecessary train service. The inroads made upon the passenger traffic heretofore enjoyed by the steam and electric interurban railroads by the advent of privately owned automobiles has been in a large measure responsible for the discontinuance of local passenger train service in many localities, supplemented also in some degree by the business which has been

diverted to automobile stage lines which have in many cases operated service of more frequency than that offered by the steam or electric interurban lines and which service has therefore attracted and held the patronage of the traveling public. The Railroad Commission, in every instance, required a full and satisfactory showing before consenting to the elimination of passenger train service when such curtailment or diminution of service has been requested by the carriers.

#### FORMAL PROCEEDINGS.

The following formal proceedings affecting the matter of service were decided by the Railroad Commission during the period covered by this report:

*San Joaquin and Eastern Railroad Company*, for authority to abandon its station at Shipp, California. (Decision No. 7840 on Application No. 5849, decided July 9, 1920.) Application granted.

*Northwestern Pacific Railroad Company*, to lease a portion of the tracks of the Little River Redwood Company. (Decision No. 7841 on Application No. 5867, decided July 9, 1920.) Application granted.

*Elizabeth A. Rodgers vs. Northwestern Pacific Railroad Company*, a corporation. (Decision No. 7943 on Case No. 1466, decided August 2, 1920.) Complaint dismissed, complainant having sought to compel defendant to discontinue stopping of trains and abandonment of stations which had existed for a period of over thirty years because passengers alighting from such trains were alleged to trespass on complainant's property. The Railroad Commission has no jurisdiction over the enforcement of the law as regards trespassing and the allegation in the complaint is insufficient to warrant the inconvenience to the public which would be caused by the requested abandonment of stations.

*Patterson and Western Railroad Company*, to abandon service. (Decision No. 7957 on Application No. 5639, decided August 4, 1920.) Abandonment authorized upon the showing by applicant that the small shipments of freight do not provide sufficient revenue to meet the actual cost of operation and that to continue the operation a considerable expenditure would require to be made to place the railroad in a safe operating condition.

*The Atchison, Topeka and Santa Fe Railway Company*, to abandon and remove a portion of its Barnwell branch extending from Mile Post 30 to Ivanpah. (Decision No. 7990 on Application No. 5915, decided August 23, 1920.) Application granted.

*San Jose Railroads*, a corporation, to abandon narrow gauge line between Linda Vista and Toyon stations, in the county of Santa Clara. (Decision No. 8013, on application No. 4581, decided August 27, 1920.) Abandonment authorized, applicant having shown that the operation required a direct operating expense of \$10.30 per day, not including maintenance, depreciation, etc., and that the average revenue per day amounted to only 61.1 cents.

*The Western Pacific Railroad Company*, to abandon and remove a spur track at Mabie, California. (Decision No. 8092 on Application No. 6075, decided September 13, 1920.) Application granted.

*Ocean Shore Railroad Company*, to discontinue operation and remove its tracks between Army and Illinois streets in the city and county of



San Francisco and Tunitas in the county of San Mateo. (Decision No. 8216 on Application No. 6070, decided October 9, 1920.) Application granted, the Commission holding that the public in a given territory is the determinative body as to whether it prefers a railroad or automobile freight and passenger service, and where it has been shown that a railroad offering reasonably good transportation facilities with scarcely sufficient traffic offering to support its operation, due to the public served electing to patronize a competitive mode of transportation, the railroad must of necessity be granted permission, if it desires, to discontinue service.

*Ocean Shore Railroad Company*, to discontinue operation and remove its track and appurtenances between Santa Cruz and Swanton. (Decision No. 8278 on Application No. 5663, decided October 25, 1920.) Authority granted, no protest appearing and it appearing that the revenue derived from operation had not been sufficient to defray the cost of operation or to return any interest on the investment and there being no evidence of any prospect that the revenue would be increased in future.

*Western Pacific Railroad Company*, to abandon and take up a siding near Swayne, California. (Decision No. 8229 on Application No. 6074, decided October 11, 1920.) Application granted.

*San Diego Electric Railway Company*, for authority to discontinue service and suspend operation and to take up tracks on part of its system. (Street car line from First and Washington streets to Fifth and Spruce streets, San Diego.) (Decision No. 8341 on Application No. 5009, decided November 15, 1920.) Application granted.

*Pacific Electric Railway Company*, to construct a spur track from Santa Monica boulevard in the Hollywood district, and to remove tracks, station and other facilities at Hollywood boulevard and Cosmo street in the city of Hollywood. (Decision No. 8393 on Application No. 6156, decided November 27, 1920.) Application granted.

*Los Angeles and Salt Lake Railroad*, to discontinue agency station at Clearwater, California. (Decision No. 8404 on Application No. 4711, decided November 30, 1920.) Application granted on condition that Clearwater remain as an agency by an employee giving part time to such station and remainder of his time at the station of Hynes.

*Peninsular Railway Company* and *Southern Pacific Company*, for approval of a lease of Peninsular Railway's line of railroad from Ruric Station to a point immediately north of Berryessa road. (Decision No. 8410 on Application No. 6290, decided December 3, 1920.) Application granted.

*Pacific Electric Railway Company*, to abandon and remove spur track at Maxon Station on its Northern Division. (Decision No. 8451 on Application No. 6280, decided December 20, 1920.) Application granted.

*City of Alameda*, Complainant, vs. *Southern Pacific Company*, Defendant. (Decision No. 8500 on Case No. 1440, decided January 3, 1921.) Complaint filed to compel the establishment of a passenger shelter station at Fernside boulevard, Alameda, on the suburban electric lines of defendant. Complaint dismissed on a finding that the establishment of a shelter station was not justified, the regularity of

service rendering unnecessary any considerable waiting by the patrons of defendant.

*Western Pacific Railroad Company*, to abandon portion of its line of railroad lying between Moy and Carnegie, California. (Decision No. 8499 on Application No. 5322, decided January 7, 1921.) Application granted.

*Tonopah and Tidewater Railroad Company*, for an order authorizing the abandonment of its agency station at Tecopa, California. (Decision No. 8706 on Application No. 6534, decided March 4, 1921.) Application granted on condition that agency station would be established and maintained at Shoshone, California.

*Sugar Pine Railway Company*, to be permitted to discontinue operation as a common carrier. (Decision No. 8929 on Application No. 6311, decided May 3, 1921.) Application granted, conditioned upon service being rendered to certain shippers having lumber and machinery to be transported.

*Northwestern Pacific Railroad Company* and *Albion Lumber Company*, for permission to lease the Albion branch of the Northwestern Pacific Railroad to the Albion Lumber Company. (Decision No. 9046 on Application No. 6554, decided June 3, 1921.)

#### ABANDONMENT OF STATIONS, TRACKS, AND FACILITIES.

Under General Order No. 36 of the Railroad Commission, no station, sidetrack, spur, stop, facility for handling freight, platforms or other like facilities of common carriers can be abandoned without the consent of the Railroad Commission. The applications of the carriers for such abandonments are carefully investigated before the permission to discontinue the use of any facilities is granted. In many instances such investigation shows that the retention of the facilities is desirable and necessary to properly accommodate the needs of shippers and receivers of freight, and in such instances the applications are denied.

Following the return of railroads from federal control and due to unsettled business conditions during the period of reconstruction following the war, the Commission has been called upon to pass on a number of applications for changes in the status of agencies, stations, the entire abandonment of stations heretofore existing and other matters for which authority was requested by the carriers in their endeavor to curtail operating expense when traffic conditions, in the opinion of the carriers, did not appear to justify the continuance of agencies and other station facilities. Complete analysis of conditions existing are always required by the Railroad Commission in support of the requests made by carriers for any change which will result in a discontinuance of any facility heretofore accorded the traveling or shipping public by a carrier, and the Railroad Commission has not authorized any reduction in such facilities until it has fully satisfied itself that the conditions represented by the applicant carriers were fully justified and that the requisite patronage necessary to continue the facilities was not present.

## CHAPTER XIV.

## VALUATIONS—ENGINEERING DEPARTMENT.

Valuation work by the Engineering Department and its various divisions has been quite extensive during the past year. The following table sets forth the valuations made of electric railroads:

## RAILROAD VALUATIONS MADE JULY 1, 1920 TO JUNE 30, 1921.

Applica- tion No.	Utility	Date of valuation	Historical reproduc- tion cost new	Historical reproduc- tion cost less de- preciation	Reproduc- tion cost new	Reproduc- tion cost less de- preciation
6138	Sacramento Street Railway (for rate fixing purposes).....	December 31, 1920	\$1,984,765	\$1,457,851	\$3,403,631	\$2,315,221
5840	United Railroads of San Francisco (system) (for issue of securities).	June 30, 1920	30,842,963	25,357,843	51,818,258	41,400,010
6727	Humboldt Transit Company (for just compensation).....	April 9, 1921	Just compensation found \$100,000.			

As has been noted in previous reports, the Commission discontinued the valuation of interstate roads when the Interstate Commerce Commission commenced this work. As these valuations are completed, copy is sent to the Governor of the state as is required by the act. These valuations are then sent to the Commission and later the Interstate Commerce Commission sets the matter for hearing. At this hearing the Commission has the right to file its objections in accordance with the valuation act during the specified limit of time.

The following table shows the valuation made by the Interstate Commerce Commission and submitted to the Governor of the state:

**VALUATION\* OF STEAM RAILROADS BY INTERSTATE COMMERCE COMMISSION—DIVISION OF VALUATION FILED WITH THE GOVERNOR OF THE STATE OF CALIFORNIA AND AVAILABLE TO THE ENGINEERING DEPARTMENT.**

Railroads	Line in California		
	Inventory as of date	Reproduction cost except land (Account 2)	Lands owned, used and not used (Classes 1, 3-1 and 4)
Amador Central Railroad Company.....	June 30, 1916	\$355,439 00	..
Arcata and Mad River Railroad.....	June 30, 1917	527,962 00	..
Atchison, Topeka and Santa Fe Railway Company.....	June 30, 1916	x52,863,918 00	..
Bay Point and Clayton Railroad Company.....	June 30, 1916	134,476 00	..
California, Arizona and Santa Fe Railway Company.....	June 30, 1916	x17,183,429 00	\$3,099,549 60
California Western Railroad and Navigation Company.....	June 30, 1917	1,940,787 00	..
Cement, Tolenas and Tidewater Railroad Company.....	June 30, 1916	127,472 00	..
Central Pacific Railway Company.....	June 30, 1916	x94,074,316 00	..
Coast Line Railway.....	June 30, 1916	661,687 00	..
Death Valley Railroad.....	June 30, 1915	359,726 00	526 91
Fresno Traction Company.....	June 30, 1916	126,443 00	..
Hanford and Summit Lake Railway Company.....	June 30, 1916	728,241 00	..
Holton Interurban Railway Company.....	June 30, 1915	184,778 00	..
Inter-California Railway Company.....	June 30, 1916	1,363,455 00	..
Lake Tahoe Railway and Transportation Company.....	June 30, 1917	409,348 00	..
Laton and Western Railroad Company.....	June 30, 1916	262,501 00	25,047 25
Los Angeles and Salt Lake Railroad Company.....	June 30, 1914	x9,435,273 00	9,587,323 66
McCloud River Railroad Company.....	June 30, 1917	1,844,785 00	..
Minkler Southern Railway Company.....	June 30, 1916	1,009,726 00	135,960 25
Nevada-California-Oregon Railway.....	June 30, 1917	2,699,286 00	..
Nevada County Narrow Gauge Railroad Company.....	June 30, 1916	644,027 00	..
Northwestern Pacific Railroad Company.....	June 30, 1916	37,536,368 00	..
Ocean Shore Railroad Company.....	June 30, 1916	4,619,233 00	..
Pacific Coast Railway Company.....	June 30, 1916	2,571,622 00	..
Peninsular Railway.....	June 30, 1915	358,294 00	..
Porterville Northeastern Railway Company.....	June 30, 1916	491,416 00	..
Quincy Western Railway.....	June 30, 1915	69,597 00	†2,510 88
Richmond Belt Railway.....	June 30, 1916	421,856 00	..
Riverside, Rialto and Pacific Railroad.....	June 30, 1916	300,046 00	†65,145 79
San Diego and Arizona Railway Company.....	June 30, 1915	1,516,367 00	..
San Joaquin and Eastern Railroad Company.....	June 30, 1915	1,192,775 00	†32,421 46
Santa Maria Valley Railroad Company.....	June 30, 1916	244,612 00	..
Sierra Railway Company of California.....	June 30, 1916	2,306,390 00	..
Southern Pacific Railroad Company.....	June 30, 1916	x112,587,156 00	..
South Pacific Coast Railway Company.....	June 30, 1916	9,724,075 00	..
South San Francisco Belt Railway.....	June 30, 1916	82,064 00	..
Stockton Terminal and Eastern Railroad Company.....	June 30, 1916	224,719 00	..
Sugar Pine Railroad Company.....	June 30, 1916	397,314 00	..
Sunset Railway Company.....	June 30, 1916	1,285,945 00	†195,478 03
Tonopah and Tidewater Railroad Company.....	June 30, 1915	x2,531,044 00	10,871 85
Western Pacific Railway Company.....	June 30, 1914	x38,728,891 00	†13,626,043 34
Yosemite Valley Railroad Company.....	June 30, 1916	3,586,344 00	.....
Yreka Railroad Company.....	June 30, 1917	142,863 00	.....

\*All these figures are preliminary and subject to revision by the Interstate Commerce Commission.

xEquipment (Accounts 51 to 58, inclusive) has not been allocated to the various states and has not been included in these figures.

†Includes excess cost of acquisition of land.

\*\*Land reports have not been received.

The Engineering Department also made the following valuations during the year of warehouse properties:

WAREHOUSE VALUATIONS MADE JUNE 30, 1920 TO JUNE 30, 1921.

Applica- tion No.	Utility	Date of valuation	Historical reproduction cost new	Historical reproduction cost less depreciation
6007	Los Angeles Ice and Cold Storage Company . . .	September 1, 1920	\$979,601 00	\$790,296 00
		November 18, 1920 (Revised)	1,386,316 00	1,102,216 00
6043	Merchants Ice and Cold Storage Company . . . . .	October 15, 1920	280,890 00	209,950 00
6052	National Ice and Cold Storage Company . . . . .	September 20, 1920	278,849 00	210,325 00
	Totals . . . . .		\$1,946,055 00	\$1,522,491 00

During the same period valuations of electric properties were made by the Commission, primarily for rate fixing purposes, in which the historical reproduction cost was determined as follows:

ELECTRIC VALUATIONS MADE JUNE 30, 1920 TO JUNE 30, 1921.

Appli- cation No.	Utility	Historical reproduction cost new
5394	Southern California Edison Company (for rate fixing purposes) . . . . .	\$63,691,109 00

During the year valuations made by the Hydraulic Division of the Engineering Department covering water properties were completed for 60 water companies for rate making purposes, 6 for transfers and 1 for determination of just compensation, as set forth in the following table:

WATER VALUATIONS MADE JUNE 30, 1920 TO JUNE 30, 1921.

Applica- tion or Case No.	Utility	Date of valuation	Estimated original cost
	<i>For rate fixing purposes:</i>		
4953	Brea Townsite Company . . . . .	August 27, 1920	\$76,786 00
5731	Bell Water Company . . . . .	September 13, 1920	40,490 00
5078	Bakersfield Water Works . . . . .	September 25, 1920	157,840 00
5103	Belvedere Water Company . . . . .	October 1, 1920	135,722 00
6571	Bacon, W. W., Jr. . . . .	April 16, 1921	8,892 00
4670	Cuyamaca Water Company . . . . .	September 24, 1920	886,877 00
5920	Crystal Springs Water Company . . . . .	November 30, 1920	24,306 00
5943	Centerville Water Company . . . . .	March 2, 1921	25,729 00
5524	Chico Water Supply Company . . . . .	April 9, 1921	206,008 00
6145	Campbell Water Company . . . . .	April 9, 1921	34,340 00
6026	Chauvet, Henry . . . . .	April 9, 1921	7,252 00
6154	City Water Company of Banning . . . . .	May 26, 1921	32,049 00
C-1549	Cottonwood Irrigation and Mining Company . . . . .	May 26, 1921	15,000 00
6475	Crown Water Company . . . . .	May 28, 1921	4,068 00
4743	El Segundo Water Company . . . . .	August 27, 1920	56,094 00
6081	Electric Water Company . . . . .	March 31, 1921	402,537 00
5602	Feldmeyer, C. A. . . . .	December 20, 1920	5,277 00
6121	Firth, Emil . . . . .	March 21, 1921	18,269 00
6459	Flora Water Company . . . . .	April 20, 1921	6,612 00
5656	Fresno Canal and Land Corporation . . . . .	August 1, 1920	2,321,000 00
5330	Graves, J. A. . . . .	September 13, 1920	71,546 00
5068	Greenville Water Works . . . . .	September 25, 1920	9,351 00
6178	Goold and Johns . . . . .	November 30, 1920	3,674 00
5073	Huntington Park Realty Company . . . . .	May 24, 1920	54,685 00
4642	Haines Canyon Water Company . . . . .	September 13, 1920	49,500 00
5679	Hercules Water Company . . . . .	March 5, 1921	200,206 00
6208	Holzen Heights Water Company . . . . .	March 15, 1921	3,118 00

WATER VALUATIONS MADE JUNE 30, 1920 TO JUNE 30, 1921—Continued.

Applica- tion or Case No.	Utility	Date of valuation		Estimated original cost
6005	Hanford Water Company.....	May	26, 1921	154,220 00
6033	Imperial Utilities Works.....	April	29, 1921	155,034 00
4893	Jackson Water Works.....	October	1, 1920	28,000 00
6532	Knipe, E. E. and W. C. Clark.....	May	26, 1921	2,185 00
6179	Los Altos Water Company.....	April	14, 1921	40,592 00
5770	Montgomery, Geo S.....	November	26, 1920	5,500 00
6028	Moore Park Water, Light and Power Company.....	December	20, 1920	10,013 00
5894	Montara Water Plant.....	January	17, 1921	23,590 00
5976	Manteca Water Works.....	February	21, 1921	50,714 00
5831	Marysville Water Company, The.....	March	4, 1921	300,000 00
4058	Midland Counties Public Service Corporation.....	March	17, 1921	28,300 00
5426	North Moneta Garden Land-Water Company.....	July	15, 1920	25,067 00
5185	Northern Oil Company.....	September	16, 1920	111,522 00
5371	Novato Utilities Company.....	October	1, 1920	5,535 00
5664	North Fork Ditch Company.....	March	31, 1921	62,400 00
5475	Ocean View Land and Water Company.....	November	30, 1920	52,382 00
4734	Pasadena Consolidated Water Company.....	October	11, 1920	266,165 00
4965	Port Costa Water Company.....	October	15, 1920	650,000 00
5816	Perkins, A. B.....	November	27, 1920	31,868 00
5892	Puente City Water Company.....	January	26, 1921	23,383 00
6053	Placentia Domestic Water Company.....	January	26, 1921	27,743 00
5979	Plymouth Water Company.....	April	12, 1921	22,124 00
5811	Palm Valley Water Company.....	April	14, 1921	20,000 00
5470	Russian River Water Company.....	July	14, 1920	17,571 00
5283	South Feather Land and Water Company.....	December	24, 1920	20,700 00
6134	Simas, M. J.....	January	26, 1921	3,419 00
6344	Sawtelle Water Company.....	April	29, 1921	57,984 00
5777	Turner, L. A. and P.....	September	13, 1920	14,404 00
5386	Van Nuys Water System.....	February	21, 1921	7,882 00
5798	Union Water Company of Arcata.....	August	27, 1920	54,267 00
5618	Ukiah Water and Improvement Company.....	November	23, 1920	65,656 00
5369	Wiseman, I. F.....	October	28, 1920	1,293 00
5494	Washington Water and Light Company.....	December	20, 1920	27,963 00
C-1225	R. G. Williams vs. Stockton Mokelumne Canal Company.....	April	20, 1921	113,439 00
6046	Westside Water Company.....	May	14, 1921	22,304 00
Total valuation for rate fixing purposes.....				\$7,360,447 00

WATER VALUATIONS MADE JUNE 30, 1920 TO JUNE 30, 1921—Continued.

Applica- tion or Case No.	Utility	Date of valuation		Estimated original cost	Estimated original cost depreciated	Reproduc- tion cost	Reproduc- tion cost depreciated
4911	<i>For transfer purposes:</i> San Geronio Water Company to sell to Beaumont Irrigation Dis- trict.....	April	10, 1920	.....	.....	\$105,521	\$55,352
5503	Union Water Company of California to sell to East Bay Water Com- pany.....	February	24, 1920	\$1,042,710	\$886,303	1,768,537	1,499,022
5718	Starrett, J., to sell to Russian River Water Company.....	March	15, 1921	.....	.....	.....	4,300
5719	Leppo Realty Company to sell to Russian River Water Company..	March	15, 1921	.....	.....	.....	3,200
5720	Breen, H., to sell to Russian River Water Company.....	March	16, 1921	.....	.....	.....	606
C-842	Spring Valley Water Company to sell to city and county of San Francisco.....	November	24, 1920	.....	.....	.....	37,000,000
Total valuation for transfer purposes.....				\$1,042,710	\$886,303	\$1,874,058	\$1,554,374

WATER VALUATIONS MADE JUNE 30, 1920 TO JUNE 30, 1921—Continued.

Applica- tion or Case No.	Utility	Date	Just compensation
3745	<i>For purposes of just compensation:</i> City of Auburn to acquire properties of Pacific Gas and Electric Water Company.....	September 27, 1920	\$52,000 00
	Total valuation for just compensation.....		\$52,000 00

Telephone valuations were made in a large number of proceedings in connection with the determination of rates. The list of these valuations is as follows:

TELEPHONE VALUATIONS MADE JUNE 30, 1919 TO JUNE 30, 1921.

Applica- tion No.	Utility	Date of valuation	Historical reproduction cost	Historical reproduction cost less depreciation
	<i>For rate fixing purposes:</i>			
4858	Reedley Telephone Company.....	September 1, 1919	\$25,330 00	\$19,962 00
5547	Suisun and Green Valley Telephone Company .	July 20, 1920	8,847 00	5,302 00
5487	Turlock Home Telephone and Telegraph Com- pany.....	January 6, 1920	32,976 00	24,956 00
5206	R. L. Swanson.....	March 1, 1920	9,117 00	5,471 00
5199	Rio Vista Telephone and Telegraph Company..	October 16, 1919	24,301 00	18,544 00
5142	Roseville Telephone Company.....	March 1, 1920	27,003 00	20,854 00
5136	Dos Palos Telephone Company.....	December 1, 1919	8,129 00	5,272 00
5083	Needles Gas and Electric Company.....	December 31, 1919	16,177 00	12,978 00
5071	Antelope Valley Telephone Company.....	October 13, 1919	14,299 00	10,356 00
5054	Los Gatos Telephone Company.....	December 1, 1919	44,330 00	30,652 00
5003	Kel River and Southern Telephone Company..	January 26, 1920	25,125 00	16,402 00
5002	Smeltzer Home Telephone and Telegraph Com- pany.....	November 1, 1919	24,278 00	15,409 00
4993	Corona Home Telephone and Telegraph Com- pany.....	August 1, 1918	55,882 00	39,438 00
4982	Fowler Independent Telephone Company.....	January 1, 1920	35,347 00	22,871 00
4925	Lindsay Home Telephone and Telegraph Com- pany.....	December 22, 1919	36,127 00	28,994 00
4893	San Fernando Telephone and Telegraph Com- pany.....	August 1, 1918	36,950 00	27,774 00
4889	Placerville Telephone Exchange.....	February 1, 1919	14,369 00	10,227 00
4869	Manteca Telephone and Telegraph Company..	November 15, 1918	9,865 00	8,736 00
4861	Tulare Home Telephone and Telegraph Com- pany.....	October 15, 1919	47,207 00	36,601 00
4828	Sanger Telephone Company.....	October 1, 1919	18,827 00	13,817 00
4839	Ripon Telephone Exchange.....	March 1, 1919	12,000 00	9,650 00
5499	Siskiyou Telephone and Telegraph Company...	October 1, 1920	37,909 00	24,821 00
5534	Delta Telephone and Telegraph Company.....	September 1, 1920	112,339 00	82,655 00
5633	Forest Hill Telephone Exchange.....	July 31, 1920	2,855 00	2,198 00
5972	L. N. Wood.....	January 1, 1921	2,729 00	1,621 00
6170	McFarland Telephone Company.....	December 1, 1920	6,570 00	4,430 00
6398	Southwestern Home Telephone Company.....	December 31, 1920	382,297 00	259,390 00
	Total.....		\$1,071,185 00	\$759,381 00



TOTAL VALUATIONS.

During the period since the organization of the Commission on March 23, 1912, to June 30, 1921, there have been valuations made by the Commission covering a total of approximately \$436,000,000, as follows:

RECAPITULATION. SUMMARY OF VALUATIONS MADE BY ENGINEERING DEPARTMENT OF THE CALIFORNIA RAILROAD COMMISSION SINCE MARCH 23, 1912. (INFORMATION AS OF JUNE 30, 1921.)

Class	Original cost	Reproduction cost and historical reproduction cost	Reproduction cost less depreciation
Division A. Valuations for rate fixing purposes.....	\$41,015,299 48	\$245,386,887 98	\$86,269,645 22
Division B. Valuations for issue of securities.....	2,291,624 88	122,828,152 97	105,067,314 52
Division C. Valuations for transfer of property.....	10,737,556 24	33,679,069 93	62,522,641 97
Division D. Valuations for general purposes.....	20,513,783 12	34,750,732 77	30,861,374 45
Division E. Valuations for just compensation.....			*247,000 00
Grand totals.....	\$74,558,263 72	\$436,644,843 65	\$284,967,976 16
<i>Valuations for all purposes.</i>			
I. Water properties.....	\$15,843,325 00	\$105,340,743 00	\$71,702,621 00
II. Electric properties.....	41,993 00	135,643,419 93	49,103,897 38
III. Gas properties.....		30,042,627 87	22,309,439 80
IV. Telephone properties.....	9,390,431 24	22,527,412 10	17,765,558 17
V. Railroad properties.....	49,262,514 48	139,408,524 86	121,323,392 62
VI. Wharf and warehouse properties.....	20,000 00	3,305,010 78	2,489,213 56
VII. Steamship properties.....		377,105 11	273,853 63
Grand totals.....	\$74,558,263 72	\$436,644,843 65	\$284,967,976 16

\*Fixed by the Commission.

NOTE.—These figures for the different values are not comparable. In a number of cases only one or two of the three values shown were ascertained. The figures, therefore, merely represent the sum totals of the various valuation investigations made by the Engineering Department.



## CHAPTER XV.

## POWER ADMINISTRATION.

On the first of July last year the power situation, described in some detail in the year's work of the Power Administrator for the last annual report, was this:

In the southern portion of the state, which includes the territory of the San Joaquin Light and Power Corporation, Merced and south, restrictions were in effect which prevented the power company from taking on new business where it could be served by other forms of energy, and many power consumers who could do so without grave inconvenience were being required to use their power at night in order to equalize the load.

In the north, where the lack of rainfall was much more severely reflected in the power supply, large consumers were also using their power during the night hours, severe restrictions were in effect regarding the taking on of new business, water in storage reservoirs was being zealously conserved, the smaller steam plants owned by private interests and municipalities were being operated as fast as they could be made ready and arrangements completed for selling the power they generated to the power companies, and plans were being perfected to meet the situation in other ways when it should become more acute during July and August—the two months when the load is the greatest and the supply of water for the hydro plants at a minimum.

The situation in the south was cleared up early in July, except for a few local restrictions regarding the taking on of new business, by the completion of several new plants.

In the north, when the first draft from storage was made in June, the reservoirs were short an amount of water equivalent to 25,000,000 kilowatt hours. The stream flows, however, held up better in July than was anticipated because the cold weather of the two previous months had melted the snow slowly, and there appeared to be a chance to pull through the season by practicing conservation, but without restrictions, provided there should be no breakdown in the steam plants, which had been worked to capacity for three years without a chance for overhauling.

## REDUCTIONS IN USE OF ELECTRICITY.

On July 19, however, a steam unit of 17,000 horsepower failed. The weather became very warm, shrinking the water in reservoirs, canals and ditches, and by the middle of August it was clear that restrictions would be necessary. On August 17 this letter was sent to the largest power consumers, that is gold dredging, street railroad and cement companies:

August 17, 1920.

DEAR SIR: Under date of May 3 we called your attention to the fact that the power situation this year would probably make it necessary for you to reduce your power consumption later in the summer, and suggested that you be prepared with plans to make a material reduction in your load when it should become necessary.

The situation has now reached a point when it is necessary for us to call upon you to submit plans to us and promptly put them into execution. Please let us have within the next two or three days your plan for saving power.

A 15 per cent reduction should be made on the basis of your daily demand, except Sundays, and should be arranged so that it will occur between the hours of 7 a. m. and 10 p. m.

It is our hope and belief that when the program for relief we have planned has been carried out you can be protected in your reduced power supply until relief is secured from seasonal lessening of the load or from rains.

Any reduction which you can make at once as an approach to the desired 15 per cent will be that much immediate relief to the situation.

It was the intention to have these followed by similar letters to the smaller power users so the necessary curtailment in power consumption could be made by cooperation, but before the first letters had been delivered the loss for the season of another large steam unit changed the situation. Word was immediately sent out to all the northern power companies for a conference on August 19 to devise ways and means to meet the emergency. That meeting was attended by representatives of nearly all of the thirty generating and resale power companies operating in the northern portion of the state, and after a thorough discussion the following order was issued by the Power Administrator:

ORDER No. 113.

August 19, 1920.

*(Effective this date.)*

(1) The use of electric energy for power purposes, except domestic use and use in connection with growing crops and handling of perishable foods, shall be reduced 20 per cent.

(2) The use of electric energy for the irrigation of vacant lands and of lands from which crops have already been harvested shall not be permitted during the present shortage.

(3) The attention of consumers of power for the irrigation of growing crops shall be called to the fact that unless a large reduction is voluntarily made drastic restrictions will become necessary.

(4) The power companies shall direct the attention of the city officials in their territory to the fact that electric energy used in street, sign and display lighting is being lost for productive purposes, and shall urge them to restrict this use as far as may be consistent with public safety.

(5) The above reductions in the use of electric energy shall be made, as far as possible, between the hours of 7 a. m. and 10 p. m.

(6) The power companies shall insert in all papers published in the territory they serve an advertisement referring to this order, calling attention to the power shortage, and urging consumers to conserve electricity used for any purpose in every way possible.

#### ORDER CURTAILING LIGHTING.

Letters were immediately afterward written to cities, counties and lighting districts, enclosing a copy of the order and asking them to take the proper steps to handle the curtailment of lighting service. This step did not produce the proper results, as there was a reluctance on the part of the officials to interfere with sign lighting and the following order was issued to the power companies:

ORDER No. 115.

August 30, 1920.

(1) Effective at once until October 1, 1920, except Saturdays and Sundays, no electrical energy shall be furnished or used:

(a) For advertisements, notices, announcements or signs designating the location of an office, or place of business, or the nature of any business.

(b) For external illumination or ornamentation of any building.

(c) For lights in the interior of stores, offices or other places of business, when such stores are not open for business.

(d) For excessive street lighting intended for display or advertising purposes.

(2) This order shall not be construed to prohibit the furnishing or using of electricity for such lights as may be required by law or public safety.

The same day this letter was sent to city, town and county officials:

August 30, 1920.

DEAR SIR: In our efforts to accomplish the 20 per cent reduction in the use of electric energy with as little loss as possible we are continually confronted with the criticism and complaint that sign and display lighting has not been generally curtailed. These complaints are particularly strong from the agricultural community and from your own citizens engaged in industries.

Public opinion is correct in assuming that this non-essential use of electricity should be restricted in favor of productive enterprises. Our attempt to secure the curtailment of sign and display lighting by cooperation has been entirely successful in many localities. Others have been slow to act, and for that reason it has today been necessary to issue an order entirely doing away with the use of electricity for this purpose, except during Saturdays and Sundays. A copy of the order is attached.

We call your attention again, as we did in our letter of August 23, to the fact that the power saved by curtailment of sign and display lighting is immediately available for the production of foodstuffs and manufactured products.

May we have the help and cooperation of your public officials and police force in securing prompt compliance with this order, as we did in 1918 when a similar order was in effect?

The police departments of Berkeley and some of the smaller cities took action at once and shortly afterward the other cities followed. No arrests were made. The police were instructed to call the order to the attention of those who violated it and if compliance did not result the Power Administrator was notified. In such cases a personal appeal by telephone or telegraph never failed of success and it was in no instance necessary to order a power company to discontinue service.

It seems proper to state here that although the sign companies were much harder hit by the restrictive orders than any other industry, they made no effort to interfere with the conservation program, the first and most important step of which was the curtailment of sign lighting, not because the amount of power used is great but because power users in general could not be convinced that the situation was serious when sign lights were permitted to burn.

#### AGRICULTURAL POWER.

During the shortage of 1918 no attempt had been made to curtail the power consumption of the farmers. The production of food was as essential then as the manufacture of ships and munitions. This year, however, there was no reason why agriculture should not be treated exactly like the other industries. Early in the summer restrictions had been placed upon irrigation pumping and the rice industry had been restricted in its power consumption from the start of the season. It was felt that agriculture had already borne its share of the burden and, for that reason, Order No. 113 was intended to affect the farmers but lightly. It developed, however, that sections 2 and 3 of that order were exceedingly burdensome in some localities which had already made a considerable saving in power, while in others, where no restrictions had been felt, the farmers were not being affected. To remedy this Order No. 117 was issued.

ORDER No. 117.

September 4, 1920.

Arrangements have been made between this office and representatives of the Irrigation Division of the United States Department of Agriculture and of the College of Agriculture of the University of California, who have consented to assist during the present emergency, by which the power available for agriculture can be handled to better advantage.

This necessitates changes in the orders affecting the use of power for agricultural purposes.

*(Effective this date.)*

(1) Order No. 116 is hereby canceled.

(2) Paragraphs 1 and 2 of Order No. 113 are hereby modified as to agricultural use of power to permit the necessary irrigation of horticultural crops, in order that no permanent damage may be done, provided a corresponding saving is made in the use of power for growing field crops.

(3) Representatives of the Irrigation Division of the United States Department of Agriculture and the College of Agriculture of the University of California are stationed in various parts of northern and central California as follows:

S. H. Beckett, headquarters at Davis, for all Sacramento Valley north of Sacramento.

W. W. McLaughlin and A. T. Michelson, headquarters at Stockton, for the territory from Sacramento south to Madera County.

W. L. Howard and F. J. Veihmeyer, headquarters at Mountain View, for the territory from the northern boundary of Contra Costa County south on the coast.

The power companies should have their local representatives consult the above named regarding the method and details of making Section 2 effective, and regarding all cases where they think a saving might be made in agricultural power.

(4) As far as possible, agricultural power must be used between the hours of 9 p. m. and 7 a. m.

The order resulted from a series of conferences with the men named in it, and the results of the plan were entirely successful. It is largely due to these men, who served without pay, sacrificing their personal time and convenience for the public good, that farmers who depend on electric pumping for their water were able to go through the season with no loss of crops. The people of California are to be congratulated in having at their disposal the service of such organizations. The tact and resourcefulness which the members display in dealing with the farmers, their willingness to assume responsibility which they could avoid, their close cooperation with one another, the confidence the chiefs repose in their subordinates and the subordinates have that their superiors will sustain them, all make them a powerful instrument for good during times of emergencies.

#### RESTRICTIONS IN FULL EFFECT.

By the middle of September the restrictions intended in the original order were everywhere in effect. One of the last steps was the curtailment of service and the installation of the skip-stop system on the street railways of San Francisco, delayed by the necessity of changing schedules. By this time, also, all the steam plants in the territory were in operation, regardless of their ownership. The city plants of Alameda and Palo Alto, the railroad plants of Northwestern Pacific and Key Route, the plants of the California Hawaiian Sugar Company and the Hercules Power Company were the largest of these. Every plant capable of turning out kilowatt hours was pressed into service. In some instances a considerable sacrifice was made by the owners to

assist during the shortage, but when possible the power companies undertook to see that proper compensation was paid. Practically no new business except lighting was taken on.

Had weather conditions similar to those of 1919 obtained the burdensome restrictions would have been necessary to the end of the year. Early in October, however, there were good rains and on the 11th sign and display lighting restrictions were removed because of an increased supply of energy and a falling off in the load during the night hours. Two days later additional rainfall made it possible to remove all restrictions regarding new and old business with the exception of the skips, and they were removed on the 17th.

The fall of 1920 and the spring of 1921 were wet as compared with the three previous years, and the work of the Power Administration was confined to gathering and tabulating statistics of operation and future supply and demand and keeping each company advised as to the best use that could be made of the hydro resources to save oil consumption.

#### POWER ADMINISTRATION DISCONTINUED.

In June of this year, in view of the impending resignation of H. G. Butler, who had been Power Administrator since the office was created, the Commission decided that since water conditions were normal, and that by August, when the peak load on power companies was reached, some 190,000 horsepower would have been added to the capacity of the state, the work of the Administration could be discontinued as a Commission activity. This it did in a formal order (No. 9168) which is subjoined. The work consequently came to a close on June 30 of this year. During its existence of three years and eight days the Power Administration handled two acute power shortages—in 1918 and 1920—without serious loss to the state, and a potential shortage in 1919, which might well have become serious had there been no central authority to see that full use was made of the resources.

In the order discontinuing the position of Power Administrator, the Commission spoke highly of the work and recommended that the power utilities carry on the work. Said the Commission:

A most valuable service has been rendered to the consumers by the power companies through this feature of regulation. The possibility of serious interruptions in service or of complete shutdown, by reason of the abnormal conditions of war needs and of power shortage, has been avoided. This was due to the fact that the Power Administrator, with the cooperation of the power companies, virtually pooled all the power resources of the state, and thus was able to effectively supervise and regulate the uses for which power was available. By shifting of loads, interchange of power, and reasonable restrictions on the less important uses, the highest efficiency and use of all available power has been accomplished. In this state, where much of the agricultural as well as industrial development depends directly upon the availability of electric power, it is of vital importance that a shortage in this all important commodity be avoided.

It is equally apparent that the collection of data and the coordination of power uses under the supervision of the Power Administrator have been of great value to the power companies themselves, and it would appear that this is a work which could well be continued to advantage by the companies. It is no longer necessary, however, since the emergencies of war needs and of power shortage have passed, that the Commission, in the exercise of its regulatory powers under the Public Utilities Act, should continue this work of supervision. The position of Power Administrator will therefore be discontinued. Should the occasion arise in the future the Commission can and will take appropriate action for the resumption of this feature of regulation.



## CHAPTER XVI.

## LEGISLATIVE INVESTIGATION.

The legislative investigation of the work of the California Railroad Commission by the committee popularly known as the Inman Committee resulted not only in a complete justification of the methods and practices of the Commission, but served a useful purpose in bringing the whole subject of regulation of public utilities before the people for informed and deliberate judgment.

The investigation was initiated by Senate Concurrent Resolution No. 20, introduced in the Legislature by Senator J. M. Inman of Sacramento on January 11, 1921. The joint Senate and Assembly Committee consisted of Senator J. M. Inman, chairman; Senator Walter Eden and Assemblymen C. W. Cleary, B. S. Crittenden and Isaac Jones.

The Commission at once announced that it gladly welcomed any honest, fair and impartial investigation, and made an earnest appeal that the inquiry be a sincere and thoroughgoing effort to ascertain all the facts upon which to base an intelligent report upon the regulation of public utilities, the principles governing rate fixing, the manner of their application and the extent of the public benefit. Every aid was offered the committee by the Commission and staff, and the files and records of the office were placed at its disposal. Members of the Commission pointed out that the personal element was secondary, even negligible so far as they were concerned. The thing of outstanding importance was to determine whether state regulation had justified itself, or whether it had succumbed under the terrific strain of the world war.

Public hearings begun in Sacramento on January 31 were continued at intervals at points throughout the state convenient for witnesses and were concluded in the San Francisco offices of the Commission February 17. The result was that the Committee publicly announced that many of the preconceived ideas of the members had undergone a complete change with regard to the work of the Commission and of the Public Utilities Act.

From the outlined plan of the Inman Committee defining the scope of the inquiry it was evident to the Commission that there was serious popular misconception of the work of the Commission and of the whole science of regulation and that this misconception was reflected even in the Legislature itself. The public hearings went far toward clearing up these popular misapprehensions and the report of the Committee, frankly acknowledging its change of view in the light of ascertained facts, doubtless served a useful public purpose in correcting popular errors regarding regulation and the work of the Commission in general.

## METHOD OF FIXING RATES.

While rate increases, due to a rising scale of prices, constituted in large measure the occasion for the investigation, the committee itself excluded from the scope of its inquiry rates as such, confining the

inquiry to the method of determining these rates. On this line the committee announced that it would investigate what it termed the "cost plus" plan and the "practical granting of demands of utilities by default." In this the committee but reflected the two commonest misconceptions of the work of the Commission, namely, that the utilities were allowed a return upon inflated valuations and that the Commission sat as a court without the right of independent initiative and original research. Both ideas were shown to be entirely erroneous. It was made clear that public utilities were allowed a return only upon a fair valuation of property used and useful in the public service. Out of this return dividends and interest charges must be paid, if they are paid. It was further shown that far from being a judicial body exclusively, called upon to decide merely which of the parties made out the best case, the Commission, through its own staff of technicians, conducted an independent inquiry into matters coming before it for decision, and that the results of these expert studies of valuations, service conditions and the like were available for the use of city attorneys and others having matters before the Commission. At virtually every hearing, it was shown, the public is represented by the engineering, service, financial or rate experts of the Commission.

While insisting that justness of rates allowed public service corporations was the only proper criterion, the Commission did conclusively show that the increase during the war and reconstruction periods was only a fraction of the rise of commodity and other price levels. These facts were strikingly visualized by a series of graphic charts. One of the most interesting of these afforded comparison between oil prices, cost of living, wages for skilled labor on the one hand and gas and electric rates on the other. In the period the cost of oil increased 180 per cent; cost of living (United States Bureau of Labor statistics) 110 per cent, and skilled labor, employed by utilities, 165 per cent. Contrasted with these, gas rates increased 21 per cent and electric rates 25 per cent, these being the average increase over all the territory served.

It was shown that in 1919 the gross revenues of the gas utilities of the state had increased only 56 per cent over those of 1916, while the operating expense had increased in the same period 80 per cent. The net revenue in this time had increased but 11 per cent. In 1917 the net revenue dropped 9 per cent below the figures of 1916.

A chart revealing the financial operations of the state's electric utilities showed that their gross revenue in 1919 was but 36 per cent higher than the 1916 revenue, while the operating expense had increased 61 per cent. The net revenue of the electric utilities in 1917 was 1 per cent lower than in 1916. In 1918 the net revenue was 4 per cent over that of 1916 and in 1919 it was 10 per cent over 1916.

#### DIVIDENDS UNDER WHOLESALE PRICES.

Notwithstanding necessary rate increases it was brought before the committee in a summary of the financial aspects of the Commission's work that dividends paid to stockholders of California utilities have not kept pace with the advance in commodity prices. This was clearly brought out in the following paragraph:

The increase in dividends paid from 1916 to 1919 amounts to \$9,186,665.77, or represents an increase of 18.41 per cent for the period. During the same period the wholesale price of commodities increased 47.63 per cent, according to Bradstreet's index number, 44.95 per cent according to Dun's index number and 66.41 per cent according to the index number compiled by the United States Bureau of Labor. The increase in dividends fell far short in keeping pace with the increase in wholesale prices. Thus, if a single individual owned all the stock of the utilities in 1916 and received \$49,910,498.65 in dividends, he should have received at least \$72,345,266.65 in 1919 (Dun's index number as basis) to maintain his relative position, instead of \$59,107,164.42, which he actually received. If the United States Bureau of Labor index number is used as a basis, he should have received \$83,056,095.65 instead of \$59,107,164.42. These figures clearly show that the stockholder's position was not maintained by rate increases and growth of business and that he was in much worse position at the end of 1919 than at the end of 1916.

Pointing out the increase in interest rates the statement said:

There has been a slight decline in interest rates, but they are still high. Foreign loans floated in this country and the \$14,000,000,000 which Europe owes the United States government or business firms in this country tend to keep interest rates up.

Twelve of the principal utilities in California paid an average of 5.97 per cent for borrowed money during 1912, while in 1920 and during January, 1921, to date, they paid an average of 7.47 per cent. It can safely be said that interest rates which must now be paid by utilities are from 25 to 40 per cent higher than prior to the war.

#### SERVICE AT MAXIMUM EFFICIENCY.

Not only was it established that rates were kept within just bounds, but it was shown that service was maintained at maximum efficiency. This was accomplished under peculiarly difficult circumstances in the case of electricity. Despite no new hydroelectric development work from 1917 to 1920, and notwithstanding three years drought, production was maintained. Operation of every steam plant owned by the utilities was ordered by the Commission despite the terrific jump in the price of oil. It was the opinion of the Commission, subsequently justified by developments, that power shortage, far-reaching and destructive, would prevail unless drastic steps were taken. The result was, the exhibit of the Commission showed, that service was maintained.

In brief, the committee sustained the policy of the Commission on every issue raised in the inquiry.

The abrogation of preferential contracts made by utilities previous to the adoption of the Public Utilities Act was declared to embody a sound public policy, as to permit these contracts to stand would entail a hardship upon all consumers.

The principle of "regulated monopoly" early enunciated by the Commission was approved, the legislators declaring that utilities protected in a field are monopolies in name only, owing to regulation.

It was held that all rate fixing should be done by a central state body. Little, if any, expression of a desire of municipalities to return to the former system of rate regulation was found, and the committee expressed doubt if any such desire exists.

Affecting rate increases the committee found that while the cost of operation advanced to high levels, utility rates were kept down to the lowest level consistent with reasonable service.

The "cost plus" theory of rate fixing was found to have no basis in fact.

Finally the committee recommended increased appropriation for the Commission to augment its working force.



## TEXT OF LEGISLATIVE REPORT.

The report of the legislative committee is here presented in full:

**Report of Joint Committee of Senate and Assembly, pursuant to Senate Concurrent Resolution No. 20, relating to certain complaints regarding activities of the Railroad Commission of the State of California, and of the Public Utilities Act.**

## REPORT OF JOINT COMMITTEE.

Your Joint Committee of the Senate and the Assembly appointed pursuant to Senate Concurrent Resolution No. 20, by Senator J. M. Inman, organized by selecting Senator Inman chairman.

It was decided to hold hearings at different points in the state in order that citizens might be enabled without undue expense or loss of time to present any matters they might desire and concerning which the Committee had jurisdiction. Pursuant thereto your Committee held a hearing lasting two days at Sacramento, January 31 and February 1; at San Francisco on February 2 and 3; at Stockton February 4; at Modesto February 7; at Fresno February 8; at Los Angeles February 9 and 10, at which time individual consumers, as distinguished from municipalities, were heard, and on February 11, when municipalities were heard; at Bakersfield February 14 and at Visalia February 15, where individual consumers were heard, and at San Francisco on February 16 and 17 where municipalities were heard and a general discussion was had with the Commission, and where the Commission and heads of departments explained in detail the work of their departments and the Committee went over the plant of the Commission and viewed the work of the Commission in operation.

In presenting this report your Committee approaches the task with a good deal of hesitancy, knowing that upon this report much depends and that perhaps to a large extent the future policy of the state rests upon questions therein considered. And many of the preconceived ideas of members of the Committee with regard to the work of the Commission and of the Public Utilities Act have undergone a complete change as a result of this investigation. And it is perhaps only fair to say that it is with some degree of embarrassment that these members of the committee have been compelled to abandon their preconceived conclusions in the light of the facts that have been disclosed.

Honesty and desire for fair dealing, with only the best interests of the state in view, however, render it incumbent upon those members of the Committee to join without restraint or reservation in this report.

The belief of your Committee is that this investigation will be of great value in the free expression of views by the consumers and the opportunity extended for the people of the state to come to an understanding of the work of the Commission, to say nothing of the findings and recommendations of this Committee, hereinafter set out.

We think it only fair to say that the Commission and its members have worked in perfect accord with the Committee throughout these hearings and that the members have placed themselves and their records and employees unreservedly at the disposal of the Committee and have at all times been entirely fair and frank in their discussions of matters coming before the Committee.

Of the personnel of the employees of the Commission we think a word should be said. We cannot speak too highly of the heads of the departments with which the Committee came in contact during these hearings. It is apparent that only loyalty to their work hold many of these men with the state and were pecuniary benefit only held in view by them the public service corporations would have long since added these men to their forces.

Respectfully submitted.

Senator J. M. INMAN, *Chairman.*  
Senator WALTER EDEN.  
Assemblyman C. W. CLEARY.  
Assemblyman B. S. CRITTENDEN.  
Assemblyman ISAAC JONES.

*The abrogation of contracts existing at the time of the passage of the Public Utilities Act.*

One of the most difficult conditions with which your Committee had to deal was the abrogation of contracts between consumers and public service corporations. In numerous cases the Commission made sweeping abrogations and in many instances forced consumers to accept a rate higher than that provided in their contracts. This of course was the cause of much bitterness, especially as, in many cases the agents of the utilities insisted to their patrons that the abrogation was over their protest. And the underlying reasons for these abrogations were not understood by the consumers.

Your Committee finds, however, that the theory of abrogation to prevent discriminatory and preferential rates is sound and, in fact, without applying that theory the effect of the Public Utilities Act would be to a very large extent nullified. For if we accept the theory that a public utility is entitled to a "fair return," then some consumer must pay that fair return and it seems a sound principle that **ALL CONSUMERS RECEIVING THE SAME CLASS OF SERVICE SHOULD BE COMPELLED TO CONTRIBUTE ALIKE TO THAT FAIR RETURN**; and while in many cases the abrogation of contracts worked a decided hardship upon individual consumers, the failure of the Commission to enforce the theory would have entailed a hardship upon all other consumers.

And further, to permit one consumer to have a preferential rate, might, and doubtless would, place that consumer at a decided advantage over a consumer engaged in a like pursuit competing with him and not having that preferential rate, to the ultimate destruction of that one discriminated against. It should be apparent that, if this discrimination were permitted unchecked, a powerful concern being in a better position to enforce its demands, would by securing unfair and discriminatory rates ultimately force the smaller and weaker concerns out of the market.

In many instances consumers had paid value received in rights of way or other concessions for these favorable contracts and the consumer fails to understand that the power of the Commission ends with the abrogation of the contract, that it cannot restore that which the consumer yielded for that contract, but that the question is then one for the courts alone to decide.

#### *Regulated monopolies.*

Your Committee, without expressing any opinion, either for or against public ownership of public utilities, is of the opinion that, in the absence thereof, the only solution of this problem is through regulated monopolies. It has been laid down by Commissioner John M. Eshleman early in the life of the Public Utilities Act that "a regulated monopoly is the settled policy of the state." (Opinion and Orders, Vol. I, page 203.)

At first glance this policy seemed radical and revolutionary but, upon closer examination, leads to the belief that the old adage "competition is the life of trade," must, along with others of our traditions, go into the discard. Competition in public utility service is fundamentally wasteful. A territory well served (conceding that regulation regulates and compels good service) by any utility, can not be better or more economically served by two or more utility concerns.

The Commission has encouraged, and we think rightly so, the consolidation of utilities, especially where one is small and weak. The old theory of competition was the rendering of good service at reasonable rates under the stimulus of that competition. This is no longer necessary or advisable if we again assume that "regulation regulates."

In the past it was a common practice for a second or even more companies to invade a field already occupied and well served by a first, thereby dividing the business. Sometimes this invasion was inspired by laudable motives, but we are convinced more often by the desire or belief that the first company would be compelled to buy out the invading company, which usually resulted, and the "ultimate consumer" paid the bills. For it must be apparent that one utility can serve a given community **BETTER** and **CHEAPER** than two, at all times having in mind the fact that these are now **MONOPOLIES IN NAME ONLY** because of **REGULATION**.

#### *Permitting municipalities to withdraw from the jurisdiction of the Commission.*

An amendment to the constitution is pending before this Legislature to permit municipal corporations to withdraw from the jurisdiction of the Railroad Commission, at least in so far as the fixing of rates is concerned.

Many elements enter into a fair consideration of this question.

In the first place, to permit a municipality to withdraw, might, and we think ultimately would, work a great hardship upon consumers outside municipalities. Probably one of the prime reasons for dissatisfaction and desire to withdraw (if the desire now really exists, and the Committee found little if any expression of such desire) is the belief that rates have been unduly raised.

That reason alone convinces us that such withdrawal should not be permitted. For, if the municipalities were permitted to withdraw and should lower rates, and we accept the proposition that the utility company should receive a "fair return," then it becomes evident that consumers outside municipalities would be compelled to make good that reduction.

Another objection that might be logically raised against this amendment, would be the utter impossibility of the general run of municipalities being able to fix a fair return, owing to the lack of proper facilities for determining that fair return. In fixing a rate the entire properties of the utility company must be taken into consideration and a large portion of the investment is outside the municipality, in many cases. One of the most insistent complaints on the part of municipalities that has

been called to our attention, is their inability to cope with the large utilities in rate making cases. How utterly impossible then would it be to fix a fair rate if left alone without the assistance of the Commission and its records.

Another element that might enter into the fixing of rates by municipalities is the danger of politics entering into the question to the exclusion of fairness. If a municipal body had the question of rate making in its power, in many cases a struggle would ensue between the utility on the one hand and the consumer on the other, as to who would control that body.

And finally, if we are to accept the principle of rate making as sound, then that principle should apply to all consumers alike.

The Committee is convinced that rates for all consumers should be fixed by a central state body.

*Activities to which should be applied the Corporations Act.*

One of the most distressing and dangerous conditions found to exist and one for which there is no apparent remedy relates to certain districts where individuals or corporations sold agricultural land or town lots, agreeing to furnish water or other commodities at a very low rate, as an inducement to the purchase of that land or lot. A period of time would elapse; the land would all be sold and the seller, either through downright dishonesty or honest inability to continue that service, abandons it. In most of the instances noted the Commission could not enforce an order to furnish service owing to the financial inability of the seller to respond. In many instances the cost of reproduction, maintenance and service, not taking into consideration any return whatever upon the properties, is wholly out of proportion to the value of the lands covered. As before stated in many of these distressing cases there seems to be no remedy whatever. **BUT YOUR COMMITTEE DESIRES TO IMPRESS UPON THE LEGISLATURE AS STRONGLY AS POSSIBLE THE NECESSITY OF PREVENTING BY APPROPRIATE LEGISLATION THE RECURRENCE OF THESE CONDITIONS.** We recommend that legislation be passed, placing under the appropriate state department, all enterprises hereafter undertaken whereby any of the commodities covered by the Public Utilities Act are agreed to be furnished, to the end that such agency shall see to it that the person promoting such enterprise shall be in a position to furnish service as agreed.

*Minor complaints.*

Many consumers appeared before the Committee with complaints against the Commission growing out of poor service, overcharges and general dealings with public service corporations and their employees.

Many of these complaints, while apparently trivial in themselves, pointed to much of the dissatisfaction found to exist. We think it only fair to say that in a large percentage of cases these complaints were found to rest upon misunderstanding, misinformation and lack of knowledge of the laws and of the policies of the commission. We think, too, that much of this dissatisfaction could be removed by the public utilities and their employees by adopting a different attitude toward their consumers. If the utilities would come to the realization that the good will of their consumers is one of their greatest assets they would be more careful in the selection of those of their employees who come into direct contact with the public.

As to many of the other complaints coming before the Committee, we are of the belief that calling them to the attention of the Commission will result in their immediate correction, and their specific review would be of no value in this report.

*Delays and postponements.*

It is apparent that delays and postponements are frequent. But in most instances these delays and postponements are unavoidable. It must be apparent where so large a number of cases are considered and such a large amount of business is transacted that delay and continuance of matters is inevitable. Much of the time covered by this report the Commission was severely handicapped by depleted forces. During the war most of the engineering and other forces enlisted in the service and to a large extent did not again join the state service after their discharge.

We are of the belief that the business of the Commission has been transacted, on the whole, as expeditiously as possible.

If a hearing is set for a particular day and it becomes necessary to consume two or three times the amount of time allotted to it, it at once becomes plain that other cases set for the intervening time must go over.

In the years 1919 and 1920 approximately 2447 formal cases and formal opinions and orders were issued by the Commission; that during the same period approximately 5261 informal complaints have been received and acted upon and that 372 communications of general official character and letters have been received and answered daily by the Commission.

So large a volume of work must necessarily entail overlapping, delay and postponement.

*Regarding the raising of rates of utilities.*

As your Committee progressed with this work it became more and more apparent that of the several causes of dissatisfaction with the Commission, at least one of the prime causes was the raise of rates allowed utilities. That this feeling should exist was inevitable, but it was just as inevitable, in our opinion, that these rates should be raised. In fact, it appears that while the cost of operation went up, the rates were kept down to the lowest level consistent with reasonable service. For instance, while the cost of oil, one of those ingredients entering most largely into the manufacture of some of the commodities, raised in price 180 per cent, and skilled labor 60 per cent, and the cost of living generally 96 per cent, the electric rate raise during a corresponding period but 36 per cent, and gas rates but 18 per cent. And while the gross revenue increased during the years from 1916 to 1919, 36 per cent, the net revenues increased but 10 per cent during a like period, and the operating expense mounted 61 per cent. And while the gross revenue of water companies increased 20 per cent during a like period, the net return was but 8½ per cent and the operating expense increased 28 per cent.

Three years of drought during the period that other abnormal conditions prevailed was an element entering into the increase of rates.

It appeared that poor service or lack of service was as bitterly complained against as was increased cost of service. So if we concede that good service is essential, we must concede that the utilities should receive sufficient revenue to furnish that service. No one was found to contend that a utility was not entitled to a fair return.

*Uniformity of fixing rates by the Commission as to time.*

One of the situations which appeal to your Committee was that existing where municipalities were called upon to fix a budget for an ensuing period and were faced with the possibility that the rates upon public utility commodities might be raised during the time covered by that budget, thereby rendering the budget to that extent at least, and the amounts called for thereunder insufficient, and working a real hardship.

The Committee can make but one suggestion, and that with some hesitancy, owing to the apparent difficulty of carrying this out. That suggestion is that the Commission might fix a certain period of time for fixing rates, or stating it contrariwise, have a certain time in which rates will not be changed. Thereby the consumer would be in a position to enable him to estimate exactly what the cost of the commodity would be for a given period of time.

We repeat that there are numerous apparent difficulties to be encountered in carrying out this suggestion.

*The "cost plus" fallacy in rate fixing.*

Many people are of the mistaken belief that the Commission fixes a rate that guarantees a certain return on the money invested regardless of the extravagance of that investment or of the cost of operations. In other words, that a condition has come about through regulation and the elimination of competition that renders the utility company extravagant and careless in the expenditure of its money. In fact, it has been openly charged that the California Railroad Commission is fixing rates on a "cost plus" basis.

Your Committee finds that the facts in no wise justify such a conclusion. It is apparent that the Commission can not prevent extravagant expenditures either in construction or operating costs, but by reason of its cost data records it can and does prevent the utility company from being protected in such extravagance.

The Commission does not in any sense "guarantee" anything. In fixing a rate, the Commission proceeds to find the fair value of the property of the utility used and useful in the service of the public. It then puts its accountants to work analyzing and checking up the operating expense. It then fixes a fair return on the value of the property and fixes the rate accordingly. Out of that fair return must come interest on bonded indebtedness and borrowed money amortization and losses before dividends can be paid. If the fair return happens to pay interest on the outstanding bonds and stocks of the utility, the company is fortunate. Otherwise it is unfortunate. Whether or not that fair return will pay a dividend to the stockholders or interest upon outstanding bonds is not taken into consideration by the Commission.

Consequently the only too common belief that "the more a company spends the more it earns," should be completely and finally discarded. And the further belief that the Commission allows dividends on "watered stock" is also without justification.

Some errors were found to have been made by the Commission, but the Committee is of the opinion that the Commission's record in that regard is an enviable one.

*Bringing the work of the Commission closer to the people.*

The work turned out by the Commission in the past few years has been tremendous. Of their work the public has seen but the results. The means by which these



results have been attained and the reasons underlying them are not so readily apparent. We are of the belief that should the people actually see the workings of the Commission, much of the misunderstanding would be eliminated and a much more satisfactory feeling would result.

As the work of the Committee advanced it became clear that some means must be devised to bring the people and the Commission into closer touch.

The average citizen views the Commission with mingled feelings of awe and fear. He believes it to be an august body, sitting wrapped about with legal forms and formalities, with which he has nothing in common, and which if approached at all, must be by devious methods and with reverent mien. Of course, nothing is further from the truth, but it is a condition and not a theory with which we are faced and so your committee cast about for a possible means of bringing this most valuable state agency into closer touch with the people.

This, we are of the opinion, can only be done by bringing the Commission TO THE PEOPLE. This can be accomplished by having a representative of the Commission in each community. The organization of a NEW FORCE is neither desirable, nor do we believe necessary. We have now a body functioning in every community and whose work is closely allied with the work of the Commission. We refer to the Department of Weights and Measures.

This department, we think, can and should be consolidated with the Railroad Commission and be placed under complete control thereof. This can be done, we believe, without in any degree lessening the splendid results achieved by the Department of Weights and Measures, and without any added costs to the state to speak of, and at the same time place within the reach of the average citizen an agent and representative of the Commission, to whom he could take his complaint or suggestion without formality and with the knowledge that he would receive prompt and effective results.

This consolidation we earnestly recommend.

#### *Appropriation for the work of the Railroad Commission.*

One of the considerations coming most often and most prominently before the Committee was the feeling on the part of the consumers that a fair representation of their side of the case was not had before the Commission in rate making cases owing to the lack of facilities for the investigation and presentation of their case. One of the demands on the part of the consumer most frequently voiced was that the Commission should have increased appropriations in order that the rights of the consumer might be more adequately protected through augmentation of the working forces of the Commission. We call this matter to the attention of the Legislature in order that it may take such action as the matter seems to justify and the state of our finances permit.

In this connection many complainants coming before the Committee expressed the belief that much could be gained by having an attorney or representative of the Commission vigorously and openly prosecute the case of the consumer at hearings where evidence was being presented upon which rates were later to be determined. The Committee was not unanimously convinced, however, that the amount of practical benefit to be derived from such procedure would be sufficient to justify the added expense, but was of the opinion that the effect of such open and vigorous prosecution, while admittedly satisfying the consumer, would be more psychological than practical.

#### *Recommendations.*

We recommend that a standard form of contract for service be formulated by the Commission and that utilities be compelled to use such general form. We further recommend that such general form of contract contain a provision in plain type showing that the rates therein set forth are subject to change by the Commission at any time, anything in the contract to the contrary notwithstanding.

We recommend that all literature relating to the sale and advertising of the stocks, bonds and securities of any public service corporation or its agents be supervised by the Commission and that nothing in that literature be permitted which can in any manner be construed by the public as being an endorsement or guarantee of said stocks, bonds and securities or of the rate of the return thereon by said Commission or the State of California.

We recommend that the Commission more strictly enforce the penalties provided by the Public Utilities Act for violations of the act and of the rules and regulations of the Commission and more particularly with regard to overcharges for extensions and service.

#### *Conclusion.*

And in conclusion permit us to call attention to the fact that the public utilities are as necessary a part of our future economic development as any other agency; that they are entitled to fair treatment at the hands of the people, and to a fair and just return upon their money invested in property used and useful in the public

service. That the time is rapidly approaching when our fuel oil supply will be exhausted, or so nearly so as to become prohibitive in cost, and that the development of the state depends largely upon hydro-electric energy.

That capital must be encouraged to enter that field and the only manner by which capital can be interested is to give it to understand that investments in utilities will be respected and will be permitted to earn a fair return. Otherwise, they will look for fields where they can expect such treatment. The sooner that these public service corporations and the people learn that their interests are mutual, and not antagonistic, the better off both will be.

And finally the Committee earnestly commits this great law, the Public Utilities Act, to the commendation of the people. It has worked well and is working well today. Strengthen it rather than weaken it. During times such as have just passed have faith in your Commission that they will be a buffer between you and the utilities, so that the people on the one hand will receive good service at a fair price, and that the utility will receive such treatment at the hands of the people that will encourage capital to come to the state and help develop our wonderful resources.

Senator J. M. INMAN, *Chairman*.

Senator WALTER EDEN.

Assemblyman C. W. CLEARY.

Assemblyman B. S. CRITTENDEN.

Assemblyman ISAAC JONES.

## CHAPTER XIII.

## COURT PROCEEDINGS.

There have been some noteworthy decisions by the Supreme Court dealing with fundamental principles of public utility regulation, during the fiscal year ending June 30, 1921. In the case of *City of Pasadena vs. Railroad Commission*, decided September 12, 1920, the proposition was conclusively settled that municipally owned utilities operating either inside the municipality or outside its corporate limits, are not subject to regulation under the provisions of the Public Utilities Act and the constitutional provisions upon which such action is based. In that case the city of Pasadena, operating an electric lighting system, was in competition outside of the city limits with a privately owned utility doing similar business. The decision of our Supreme Court in holding that the rates of the city system are not subject to regulation by the Commission, notwithstanding that they may be competitive rates with those of privately owned utilities, is based upon the construction of the language used in the section of the constitution defining public utilities, article XII, section 22. Under the court's interpretation, only private corporations, as distinguished from public corporations, such as a city, are within the class of public utilities subject to regulation by the Railroad Commission.

In the case of *Hartland Law vs. The Railroad Commission*, decided January 27, 1921, the Supreme Court sustained an order of the Commission fixing rates for public utility service which would supersede prior contracts made between the utility and its consumers which were different from the rates fixed by the Commission. This decision, which the court points out is consistent with a long line of prior decisions of both our own Supreme Court and of the United States Supreme Court, is based upon the fundamental proposition that the regulation of public utility service is one of the sovereign powers of the state which can not be curtailed nor suspended by a contract between individuals. Whenever contracts are made dealing with public utility rates, they must of necessity be subject to the later exercise by the state of its regulatory powers. If this were not true all efforts to eliminate discrimination and inequalities in rates would be futile. In recognition of this principle and of the court's decision enunciating it, the Legislature, in its last session, voted against the enactment of a proposed law to prohibit the Commission from thereafter fixing any rate which would supersede the rates theretofore fixed by the terms of a private contract or of a franchise.

The following is a summary of court proceedings decided during the fiscal year ending June 30, 1921, and of proceedings which were pending but not yet decided on that date.



## CASES DECIDED IN THE SUPREME COURT OF CALIFORNIA.

1. *City of Pasadena vs. Railroad Commission*. In this case the order of the Commission, fixing rates of the city of Pasadena for service outside its corporate limits, was annulled. The point of the case is reviewed above.

2. *Hartland Law vs. Railroad Commission*. In this case an order of the Commission fixing rates for public utility service, which would supersede prior contracts made between the utility and its consumers, was upheld. The effect of the decision is reviewed above.

3. *John W. Traber et al. vs. Railroad Commission*, decided July 9, 1920. Here the order of the Railroad Commission was sustained. The petitioner, who was a consumer of the Fresno Canal Company, had claimed the right to receive water from the company under an old contract which it was asserted created a private right not subject to regulation. In sustaining the Commission's order, the court held that the contracts in question did not create private rights, but dealt with public utility service and were therefore subject to regulation.

4. *William S. Van Hoosear vs. Railroad Commission*, decided December 22, 1920. Commission's decision affirmed. The court here held, affirming the order of the Railroad Commission, that service by a public utility could not be discontinued without authorization from the Commission.

5. *Sutter Butte Canal Company vs. Superior Court of Butte County*, decided June 7, 1920. In this proceeding the Railroad Commission had *amicus curiæ* filed a petition for rehearing, which was denied. The decision as to which rehearing was sought was one denying a writ of prohibition to restrain the Superior Court of Butte County from making an order inconsistent with an order theretofore made by the Railroad Commission, dealing with the extension of service by the Sutter Butte Canal Company. Although the decision was nominally against the Commission, the principle advocated by the Commission was thereafter sustained in another proceeding, next below referred to, in which the Commission's order was affirmed.

6. *Butte County Water Users Association vs. Railroad Commission*, decided February 28, 1921. Here the Supreme Court affirmed the order of the Railroad Commission, directing the Sutter Butte Canal Company to extend its service to certain new consumers. This was the first decision of the Supreme Court construing the provisions of Chapter 80, Statutes of 1913, authorizing the Commission to determine when and to what extent a water company can extend its service to include those consumers. The decision in effect reverses three cases in the Superior Court and the case last above listed in the Supreme Court, wherein the finality of the Commission's order had been questioned.

7. *W. M. Stratton vs. Railroad Commission*, decided June 8, 1921. Commission's order annulled. In this case the court held that the Commission's order purporting to fix rates for the service of water by the Empire Water Company to purchasers of land in a tract subdivided and sold by a certain syndicate contemporaneous with the organization of the Empire Water Company, was in excess of the Commission's jurisdiction for the reason that the water rights created by the contracts of sale were of a private character and not subject to regulation.

## CASES PENDING IN SUPREME COURT.

8. *John C. Brewer et al. vs. Railroad Commission; John C. Brewer et al. vs. Railroad Commission.* Two appeals. These are proceedings to review orders of the Railroad Commission, fixing rates to be charged by the Cuyamaca Water Company. Petitioners claim that the Commission had no jurisdiction over the water delivered to them by reason of certain contracts alleged to have created private property rights in petitioners as to the water used by them.

9. *Jane Turner Spencer et al. vs. Railroad Commission.* Proceeding to review an order of the Railroad Commission, dismissing a complaint of petitioner asking that a public utility water company be required to furnish her with water. The Commission held that the property of petitioner was not within the territory which this utility had under it to serve.

10. *Pacific Gas and Electric Company vs. Railroad Commission.* Proceeding to review an order of the Railroad Commission, fixing the just compensation to be paid by the city of Auburn for the water system belonging to petitioner and which now serves the city of Redding with water. It is claimed by petitioner that the Commission has omitted certain elements of value and has adopted erroneous methods in computing certain other elements of value.

11. *Southern Pacific Company et al. vs. Railroad Commission.* Proceeding to review an order of the Railroad Commission, requiring petitioner to construct a new passenger depot at Fourteenth and Franklin streets in the city of Oakland.

12. *Water Users and Taxpayers Association of Merced vs. Railroad Commission.* Proceeding to annul an order of the Railroad Commission, approving two contracts fixing the terms under which the San Joaquin Light and Power Company is to transfer certain water rights to the Merced Irrigation District and the terms under which the Irrigation District is to sell power to the Light and Power Company.

## CASES PENDING IN SUPERIOR COURT.

13. *City of Richmond vs. Atchison, Topeka and Santa Fe Railway Company and Railroad Commission.* Action brought in the Superior Court of Contra Costa County to enjoin railway companies from continuing use of tracks at Santa Fe Junction.



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**PART TWO.**

**STATISTICAL REPORT.**

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**STEAM RAILROADS.**

**List of Steam Railroads and Their Officials.**

**Tables 1 to 6, Inclusive.**

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**STEAM RAILROAD COMPANIES.****List of Officers as Reported in Annual Reports Filed with Railroad Commission for Year Ending December 31, 1920.****Amador Central Railroad Company.**

Incorporated September 24, 1908, under the laws of California; formerly Ione and Eastern Railroad Company.

Meta J. Erickson, President;

F. G. Athearn, Vice President;

J. A. McPherson, Secretary, Treasurer and General Manager.

Business address, Martell, California.

**Amargosa Valley Railroad Company.**

Incorporated April 27, 1917, under the laws of California.

Thos. C. Job, President;

L. M. Farnham, Secretary;

B. M. Jefferson, Treasurer.

Business address, 740 South Broadway, Los Angeles.

**Arcata and Mad River Railroad Company.**

Incorporated December 29, 1881, under the laws of California.

James Tyson, President;

H. W. Jackson, Vice President and General Manager;

James K. Nelson, Secretary;

A. A. Scott, Treasurer;

P. Barth, Auditor.

Business address, Arcata, California.

**Atchison, Topeka and Santa Fe Railway Company.**

Incorporated December 12, 1895, under the laws of Kansas.

W. B. Storey, President;

E. J. Engel, Vice President;

W. E. Hodges, Vice President;

Edward Chambers, Vice President;

A. G. Wells, Vice President;

E. L. Copeland, Secretary and Treasurer;

W. E. Bailey, Auditor;

D. L. Gallup, Comptroller.

Business address, 80 East Jackson boulevard, Chicago, Illinois.

**Bay Point and Clayton Railroad Company.**

Incorporated August 29, 1906, under the laws of California.

S. H. Cowell, Vice President;

W. H. George, Secretary and General Manager;

Business address, 2 Market street, San Francisco.

**Bucksport and Elk River Railroad Company.**

Incorporated July 25, 1884, under the laws of California.

J. M. Carson, President;

H. H. Bell, Vice President and Secretary;

C. S. Carson, Treasurer.

Business address, Eureka, California.

**The California, Arizona and Santa Fe Railway Company.**

Incorporated December 21, 1911, under the laws of California; leased to the Atchison, Topeka and Santa Fe Railway Company.

W. B. Storey, President;  
E. J. Engel, Vice President;  
I. L. Hibbard, Vice President;  
G. Holterhoff, Jr., Secretary and Treasurer;  
D. L. Gallup, Comptroller;  
W. E. Bailey, Auditor.

Business address, 80 East Jackson boulevard, Chicago, Illinois.

**California Central Railroad Company.**

Incorporated March 20, 1912, under the laws of California; originally the San Juan Pacific Railroad Company.

C. Wilbur Miller, President;  
J. A. McCarthy, Vice President and General Manager;  
E. H. O'Brien, Secretary and Treasurer.

Business address, 433 Mills Bldg., San Francisco.

**California Shasta and Eastern Railway Company.**

Incorporated August 21, 1912, under the laws of California.

W. J. Walker, President;  
F. L. Walker, Vice President;  
G. R. Wisdom, Secretary and Treasurer;  
C. E. Priest, Auditor;  
J. D. Rickard, Superintendent.

Business address, 307 Monadnock Building, San Francisco.

**California Southern Railroad Company.**

Incorporated December 30, 1914, under the laws of California.

J. M. Neeland, President and General Manager;  
J. H. Borders, Vice President;  
K. M. Neeland, Vice President;  
Joe Degen, Vice President;  
A. E. Warmington, Secretary;  
J. N. Hesley, General Auditor;  
G. W. Rice, Assistant General Manager.

Business address, 1108 Investment Building, Los Angeles.

**California Western Railroad and Navigation Company.**

Incorporated July 1, 1905, under the laws of California.

F. C. White, President and General Manager;  
O. R. Johnson, Vice President;  
C. L. White, Secretary and Treasurer;  
D. M. Higgins, Auditor;  
C. A. Curtis, Superintendent;

Business address, Fort Bragg, California.

**Camino, Placerville and Lake Tahoe Railroad Company.**

Incorporated December 23, 1911, under the laws of California.

R. E. Danaher, President;  
John W. Blodgett, Vice President;  
James Danaher, Jr., Secretary and Treasurer.

Business address, Camino, California.

**Cement, Tolenas and Tidewater Railroad Company.**

Incorporated October 3, 1911, under the laws of California.

Robert Henderson, President and General Manager;  
F. G. Drum, Vice President;  
James A. Keller, Traffic Manager;  
F. W. Erlin, Secretary and Treasurer;  
W. C. Stevenson, Chief Engineer, Cement, California.

Business address, 827 Pacific Building, San Francisco.



**Central Pacific Railway Company.**

Incorporated July 29, 1899, under the laws of Utah; leased to Southern Pacific Company. Merging the following companies: Central California Railway Company; Chico and Northern Railroad Company; Fernley and Lassen Railway Company; Goose Lake and Southern Railway Company; Modoc Northern Railway Company; Nevada and California Railway Company; Sacramento Southern Railroad Company; Oregon Eastern Railway Company; Lincoln Northern Railway Company.

Wm. F. Herrin, President;  
Paul Shoup, Vice President;  
C. H. Redington, Vice President;  
G. L. King, Secretary;  
A. D. McDonald, Vice President and Comptroller;  
E. O. McCormick, Vice President;  
T. O. Edwards, Auditor.

Business address, 65 Market Street, San Francisco.

**Chowchilla Pacific Railway Company.**

Incorporated May 20, 1913, under the laws of California.

O. A. Robertson, President;  
H. S. Wanzer, Vice President;  
W. W. Wiard, Secretary and Treasurer;  
J. E. Massey, Auditor.

Business address, Chowchilla, California.

**Death Valley Railroad Company.**

Incorporated January 26, 1914, under the laws of California.

R. C. Baker, President;  
C. B. Zabriskie, Vice President, Treasurer and General Manager;  
U. S. Miller, Secretary;  
H. Escherich, Auditor;  
W. W. Cahill, Superintendent.

Business address, 1010 Central Building, Los Angeles.

**Diamond and Caldor Railway.**

Incorporated February 9, 1904, under the laws of California.

Walter Y. Kellogg, President;  
Chas. W. Doe, Vice President and Treasurer;  
Frank A. Merguire, Secretary;  
Wilbur I. Wilson, General Manager;  
Antone Hassler, Superintendent.

Business address, Fifteenth and Wood streets, Oakland, California.

**Hetch Hetchy Railroad.**

Municipally owned and operated by City of San Francisco.

James Rolph, Jr., President;  
M. M. O'Shaughnessy, Vice President and General Manager.

Business address, City Hall, San Francisco.

**Holton Interurban Railway Company.**

Incorporated December 31, 1903, under the laws of California.

A. B. West, President and General Manager;  
F. O. Dolsen, Vice President;  
J. B. Thieme, Secretary;  
A. S. Cooper, Treasurer;  
P. R. Ferguson, Auditor;  
E. W. Judy, Superintendent.

Business address, Riverside, California.

**Howard Terminal Railway.**

Incorporated April 21, 1917, under the laws of California.

C. F. Boardman, President;  
John Lawson, Vice President;  
F. G. Gamsan, Secretary;  
C. D. Howard, Treasurer and General Manager.

Business address, First and Market streets, Oakland, California.

**Hueneme, Malibu and Southern Railway Company.**

Incorporated January, 1916, under the laws of California.

May K. Rindge, President;  
R. H. Adamson, Vice President;  
Frederick H. Rindge, Secretary.

Business address, 1120 Trust and Savings Building, Los Angeles.

**Humboldt Northern Railway Company.**

Incorporated October 19, 1904, under the laws of California.

C. S. Carson, President;  
J. M. Carson, Vice President;  
E. S. Murray, Secretary;  
H. H. Bell, Treasurer.

Business address, Eureka, California.

**Indian Valley Railroad Company.**

Incorporated June 30, 1916, under the laws of California.

F. Klamp, President;  
J. F. Humburg, Vice President;  
Elmer E. Paxton, Secretary, Treasurer and General Manager;  
W. J. McDonagh, Auditor;  
C. L. Eaton, Superintendent.

Business address, 393 Mills Building, San Francisco.

**Inter-California Railway Company.**

Incorporated June 15, 1904, under the laws of California; leased to Southern Pacific Company.

Wm. F. Herrin, President;  
Wm. Hood, Vice President;  
Paul Shoup, Vice President;  
G. L. King, Secretary;  
W. F. Ingram, Treasurer;  
T. O. Edwards, Auditor.

Business address, 65 Market street, San Francisco.

**Industrial Terminal Railway Company.**

Incorporated June 4, 1915, under the laws of California.

L. E. Hanchett, President;  
Burke Corbet, Vice President;  
E. W. Taylor, Secretary.

Business address, 332 Pine street, San Francisco.

**The Iron Mountain Railway Company.**

Incorporated July 17, 1895, under the laws of California.

Wm. F. Kett, President;  
W. S. Howard, Secretary and Treasurer;  
M. J. Murphy, General Superintendent.

Business address, 332 Pine street, San Francisco.

**Kings Lake Shore Railroad Company.**

Incorporated May 9, 1917, under the laws of California.

Chas. King, President and General Manager;

J. L. C. Irwin, Secretary;

F. R. Haight, Treasurer.

Business address, Hanford, California.

**Lake Tahoe Railway and Transportation Company.**

Incorporated December 19, 1898, under the laws of California.

Elizabeth T. Bliss, President;

C. T. Bliss, Vice President and General Manager.

Duane L. Bliss, Jr., Secretary;

F. S. Oliver, Treasurer;

E. C. Rogers, Auditor.

Business address, Tahoe, California.

**Laton and Western Railroad Company.**

Incorporated August 8, 1910, under the laws of California; leased to the Atchison, Topeka and Santa Fe Railway Company.

W. B. Storey, President;

E. J. Engel, Vice President;

I. L. Hibbard, Vice President;

G. Holterhoff, Jr., Secretary and Treasurer;

D. L. Gallup, Comptroller;

W. E. Bailey, Auditor.

Business address, 80 East Jackson boulevard, Chicago, Illinois.

**Los Angeles and Salt Lake Railroad Company.**

Incorporated March 20, 1901, under the laws of Utah. Absorbed the following: Los Angeles Terminal Railway Company; Oregon Short Line Railroad Company; The Riverside Rialto and Pacific Railroad Company.

W. A. Clark, President;

E. E. Calvin, Vice President;

J. Ross Clark, Vice President;

C. P. Smith, Secretary;

C. C. Barry, Auditor;

W. H. Comstock, General Manager.

Business address, 595 Pacific Electric Building, Los Angeles.

**McCloud River Railroad Company.**

Incorporated January 22, 1897, under the laws of California.

J. H. Queal, President and General Manager;

D. M. Swobe, Vice President and Traffic Manager;

F. D. Madison, Secretary and General Counsel;

W. W. Martin, Auditor.

Business address, 216 Southern Pacific Building, San Francisco.

**Mount Tamalpais and Muir Woods Railway.**

Incorporated February 21, 1913, under the laws of California; purchased property of Mill Valley and Mount Tamalpais Scenic Railway.

R. H. Ingram, President and General Manager;

J. D. Jamison, Vice President;

W. A. Cannons, Secretary;

G. S. Corkery, Superintendent.

Business address, 212 Pacific Building, San Francisco.

**Mojave Northern Railroad Company.**

Incorporated May 4, 1914, under the laws of California.

R. H. Lacy, President;

C. C. Merrill, Secretary;

M. A. Koffman, Auditor;

L. V. Robinson, Superintendent.

Business address, 607 H. W. Hellman Building, Los Angeles.

**Minkler Southern Railway Company.**

Incorporated May 22, 1913, under the laws of California; leased to the Atchison, Topeka and Santa Fe Railway Company.

W. B. Storey, President;  
E. J. Engel, Vice President;  
I. L. Hibbard, Vice President;  
G. Holterhoff, Jr., Secretary;  
D. L. Gallup, Comptroller;  
W. E. Bailey, Auditor.

Business address, 80 East Jackson boulevard, Chicago, Illinois.

**Nevada-California-Oregon Railway.**

Incorporated March 31, 1888, under the laws of Nevada; purchased the Sierra and Mohawk Railway Company.

Chas. Moran, President;  
S. H. McCartney, Vice President and General Manager;  
Maud Miller, Secretary;  
E. A. Hallowell, Auditor.

Business address, Alturas, California.

**Nevada County Narrow Gauge Railroad Company.**

Incorporated April 4, 1874, under the laws of California.

H. A. Mitchell, President and General Manager;  
J. I. Walter, Vice President;  
W. Arnstein, Vice President;  
H. J. Sutherland, Secretary and Treasurer;  
H. C. Phillips, Superintendent.

Business address, 306 Hobart Building, San Francisco.

**Northwestern Pacific Railroad Company.**

Incorporated January 8, 1907, under the laws of California. Formed by consolidating the following: Northwestern Pacific Railway Company; Eureka and Klamath River Railroad Company; North Shore Railroad Company; San Francisco and North Pacific Railway Company; California Northwestern Railway Company; Fort Bragg and Southeastern Railway Company; San Francisco and Northwestern Railway Company; San Rafael and San Quentin Railroad Company.

W. S. Palmer, President and General Manager;  
Paul Shoup, Vice President;  
A. H. Payson, Vice President;  
G. L. King, Secretary;  
H. W. Ellicott, Treasurer;  
W. B. Burris, Comptroller;  
J. K. Brassill, Superintendent.

Business address, 64 Pine street, San Francisco.

**Ocean Shore Railroad Company.**

Incorporated October 9, 1911, under the laws of California.

F. W. Bradley, President;  
John G. Sutton, Vice President and General Manager;  
J. W. Crosby, Secretary, Treasurer and General Auditor.

Business address, 1579 Mission street, San Francisco.

**Pacific Coast Railway Company.**

Incorporated September 21, 1882, under the laws of California; consolidated with the San Luis Obispo and Santa Maria Valley Railroad Company.

E. C. Ward, President;  
W. M. Barnum, Vice President;  
E. W. Clarke, Vice President;  
N. D. Moore, Vice President;  
G. W. Towle, Secretary;  
H. M. Watkins, Auditor;  
J. M. Sims, Superintendent, San Luis Obispo, California.

Business address, 618 L. C. Smith Building, Seattle, Washington.

**Pajaro Valley Consolidated Railroad Company.**

Incorporated December 7, 1897, under the laws of California. Consolidated the following: The Pajaro Valley Railroad Company; The Pajaro Valley Extension Railway Company.

J. D. Spreckels, President;  
A. B. Spreckels, Vice President and Treasurer;  
W. H. Hannan, Secretary;  
F. E. Sullivan, General Manager;  
F. E. Miles, Auditor.

Business address, 2 Pine street, San Francisco.

**Porterville Northeastern Railway Company.**

Incorporated August 9, 1910, under the laws of California; leased to Southern Pacific Company.

Paul Shoup, President;  
G. L. King, Secretary;  
W. F. Ingram, Treasurer;  
T. O. Edwards, Auditor.

Business address, 65 Market street, San Francisco.

**Quincy Railroad Company.**

Incorporated November 9, 1917, under the laws of California; acquired the Quincy Western Railway Company.

F. S. Murphy, President;  
W. Y. Stoddard, Vice President and General Manager;  
James Ingebretson, Secretary and Treasurer;  
H. J. Hoffman, Auditor and Superintendent.

Business address, Quincy, California.

**Richmond Belt Railway.**

Incorporated August 19, 1902, under the laws of California; leased to Southern Pacific Company and Atchison Topeka and Santa Fe Railway Company.

E. S. Pillsbury, President;  
H. D. Pillsbury, Vice President;  
R. J. Woods, Secretary.

Business address, 216 Pine street, San Francisco.

**Sacramento Valley and Eastern Railway.**

Incorporated November 8, 1906, under the laws of California.

H. A. Mitchell, President and General Manager;  
Jesse H. Steinhart, Vice President;  
H. J. Sutherland, Secretary, Treasurer and Auditor;  
Geo. W. Hark, General Superintendent;  
S. P. Westington, Auditor.

Business address, 306 Hobart Building, San Francisco.

**San Diego and Arizona Railway Company.**

Incorporated December 15, 1906, under the laws of California; purchased San Diego and Southeastern Railway Company.

John D. Spreckels, President;  
R. C. Gillis, Vice President;  
L. J. Masson, Secretary and Auditor;  
W. G. Daniels, Auditor;  
D. W. Pontius, General Manager;  
J. R. Lowe, Superintendent.

Business address, 629 Spreckels Building, San Diego, California.

**San Joaquin and Eastern Railroad Company.**

Incorporated March 16, 1912, under the laws of California.

H. E. Huntington, Chairman ;  
John B. Miller, President ;  
N. A. Brackenridge, Vice President ;  
G. C. Ward, Vice President ;  
O. V. Showers, Secretary ;  
W. L. Percey, Treasurer ;  
A. N. Kemp, Comptroller ;  
C. P. Staal, Auditor.

Business address, Third and Broadway, Los Angeles.

**Santa Maria Valley Railroad Company.**

Incorporated July 14, 1911, under the laws of California.

C. C. Magenheimer, President ;  
E. J. Gates, Vice President ;  
P. F. Magenheimer, Vice President ;  
E. J. Miley, Secretary ;  
K. B. Holeman, Superintendent ;  
J. M. Davis, Auditor.

Business address, Santa Maria, California.

**Sierra Railway Company of California.**

Incorporated February 2, 1897, under the laws of California.

Robt. H. Downes, President ;  
W. H. Crocker, Vice President ;  
J. T. Bullock, Secretary ;  
C. N. Hamblin, Treasurer, Auditor and General Manager.

Business address, Jamestown, California.

**South San Francisco Belt Railway.**

Incorporated November 27, 1907, under the laws of California.

F. L. Washburn, President ;  
F. J. Coulter, Vice President ;  
R. H. Benedict, Secretary and Treasurer.

Business address, Sixth and Townsend streets, San Francisco.

**Southern Pacific Company.**

Incorporated March 17, 1884, under the laws of Kentucky.

J. Kruttschnitt, Chairman of the Executive Committee ;  
William Sproule, President ;  
A. D. McDonald, Vice President and Comptroller ;  
W. A. Worthington, Vice President and Assistant to the Chairman ;  
Henry W. de Forrest, Vice President ;  
Hugh Neill, Secretary ;  
A. K. Van Deventer, Treasurer ;  
Wm. F. Herrin, Vice President and Chief Counsel ;  
E. O. McCormick, Vice President ;  
G. L. King, Assistant Secretary ;  
T. O. Edwards, Auditor.

Principal corporate office, 165 Broadway, New York City ; business address,  
65 Market street, San Francisco.

**Southern Pacific Railroad Company.**

Incorporated March 10, 1902, under the laws of California, Arizona and New Mexico; leased to Southern Pacific Company. Consolidated the following companies: San Francisco and San Jose Railroad Company; Santa Clara and Pajaro Valley Railroad Company; California Southern Railroad Company; Southern Pacific Branch Railroad Company; Los Angeles and San Pedro Railroad Company; San Jose and Almaden Railroad Company; Monterey Railroad Company; Pajaro and Santa Cruz Railroad Company; Monterey Extension Railroad Company; Southern Pacific Branch Railway Company; San Pablo and Tulare Railroad Company; San Pablo and Tulare Extension Railroad Company; San Ramon Valley Railroad Company; Stockton and Copperopolis Railroad Company; Stockton and Tulare Railroad Company; San Joaquin Valley and Yosemite Railroad Company; Los Angeles and San Diego Railroad Company; Los Angeles and Independence Railroad Company; Long Beach Whittier and Los Angeles Railroad Company; Long Beach Railroad Company; Southern Pacific Railroad Extension Company; Ramona and San Bernardino Railroad Company; Northern Railway Company; Northern California Railway Company; California Pacific Railroad Company; Southern Pacific Railroad Company of Mexico; Southern Pacific Railroad Company of Arizona; Colusa and Hamilton Railroad Company; Hanford and Summit Lake Railway Company; Mojave and Bakersfield Railroad Company; Oroville and Nelson Railroad Company.

Wm. Sproule, President;  
 Wm. F. Herrin, Vice President;  
 Paul Shoup, Vice President;  
 E. O. McCormick, Vice President;  
 A. D. McDonald, Vice President and Comptroller;  
 G. L. King, Secretary;  
 T. O. Edwards, Auditor.

Business address, 65 Market street, San Francisco.

**South Pacific Coast Railway Company.**

Incorporated May 23, 1887, under the laws of California; leased to Southern Pacific Company. Consolidated the following companies: Santa Cruz and Felton Railroad Company; South Pacific Coast Railroad Company; Bay and Coast Railroad Company; Oakland Township Railroad Company; Felton and Pescadero Railroad Company; San Francisco and Colorado River Railroad Company; Almaden Branch Railroad Company.

E. O. McCormick, President;  
 Paul Shoup, Vice President;  
 A. D. McDonald, Vice President and Comptroller;  
 G. L. King, Secretary;  
 T. O. Edwards, Auditor;  
 W. F. Ingram, Treasurer.

Business address, 65 Market street, San Francisco.

**Stockton Terminal and Eastern Railroad.**

Incorporated October 29, 1908, under the laws of California.

F. J. Dietrich, General Manager; operating on behalf of E. F. Davis, to whom road was deeded.

W. M. Lipscomb, Auditor.

Business address, 26 South San Joaquin street, Stockton, California.

**Stone Canyon Railroad.**

J. A. Chanslor, Owner;

B. Tozer, Secretary.

Business address, 509 Wells Fargo Building, San Francisco.



**Sunset Railway Company.**

Incorporated March 20, 1912, under the laws of California. Formed by consolidation of the following companies: Sunset Railroad Company; Sunset Western Railway Company.

C. N. Beal, President;  
A. H. Payson, Vice President;  
Paul Shoup, Vice President;  
G. W. Luce, Freight Traffic Manager;  
C. S. Fee, Passenger Traffic Manager;  
G. L. King, Secretary;  
T. O. Edwards, Auditor;  
J. H. Dyer, General Manager;  
F. M. Worthington, Superintendent.

Business address, 65 Market street, San Francisco.

**Tonopah and Tidewater Railroad Company.**

Incorporated July 19, 1904, under the laws of New Jersey.

R. C. Baker, President;  
C. B. Zabriskie, Vice President, Treasurer and General Manager;  
DeWitt Van Buskirk, Vice President;  
M. R. Musser, Secretary;  
H. Escherich, Auditor;  
W. W. Cahill, Superintendent.

Business address, 1010 Central Building, Los Angeles.

**Trona Railway Company.**

Incorporated March 12, 1913, under the laws of California.

H. S. Emlou, President;  
S. W. Austin, Vice President;  
E. Gordon, Secretary and Treasurer;  
J. L. Fautz, Auditor;  
A. J. Klamt, Superintendent.

Business address, Trona, California.

**Ventura County Railway Company.**

Incorporated May 5, 1911, under the laws of California.

Robert Oxnard, President;  
Frederick Noble, Vice President and General Manager;  
C. H. Weaver, Secretary;  
Elisha Gee, Auditor.

Business address, 1530 Sixteenth street, Denver, Colorado.  
General Manager's address, Oxnard, California.

**Western Pacific Railroad Company.**

Incorporated June 6, 1916, under the laws of California.

Charles M. Levy, President;  
F. W. McCutcheon, Vice President;  
Charles Elsey, Secretary and Treasurer;  
A. R. Baldwin, Vice President;  
D. C. DeGraff, Auditor;  
E. W. Mason, General Manager.

Business address, 966 Mills Building, San Francisco.

**Yosemite Valley Railroad Company.**

Incorporated December 19, 1902, under the laws of California. ;

F. G. Drum, President;  
Thomas Turner, Secretary and Treasurer;  
J. A. Keck, Auditor;  
W. L. White, General Manager, Merced, California;  
F. L. Higgins, Superintendent, Merced, California.

Business address, 910 American National Bank Building, 485 California street, San Francisco.

**Yreka Railroad Company.**

Incorporated May 28, 1888, under the laws of California.

R. H. DeWitt, President;  
J. E. Turner, Vice President;  
S. H. Williams, Secretary;  
F. A. Reiser, General Superintendent.

Business address, Yreka, California.

TABLE NO. 1.  
ABSTRACT OF TRACK MILEAGE OF STEAM RAILROADS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Amador Central Railroad Company	Amargosa Valley Railroad Company <sup>1</sup>	Arroyo and Mud River Railroad Company	The Atchison, Topeka and Santa Fe Railway Company <sup>2</sup>	Bay Point and Clayton Railroad Company	Buckeport and Elk River Railroad Company	California Central Railroad Company	California, Shasta and Eastern Railway Company
<i>Lines Owned.</i>								
Miles of main line—single track	12		12.00	4,554.11	8.19	9.16	7.94	16.30
Miles of main line—second track				964.44				
Miles of main line—other tracks				19.24				
Miles of branches and spurs	2.48		5.48	2,548.44		.67		
Miles of yard track and sidings				8,131.14	.66	.93	1.52	1.80
Totals	14.48		18.39	11,217.37	8.85	9.65	9.46	18.10
<i>Lines Operated Under Contract.</i>								
Miles of main line—single track				2,530.16				
Miles of main line—second track				103.49				
Miles of main line—other tracks								
Miles of branches and spurs				341.30				
Miles of yard track and sidings								
Totals				1,974.94				
<i>Lines Operated Under Trackage Rights.</i>								
Miles of main line—single track				197.40				
Miles of main line—second track				54.92				
Miles of main line—other tracks				16.65				
Miles of branches and spurs				246.08				
Miles of yard track and sidings								
Totals				515.05				
Total line operated	14.48		18.39	13,707.36	8.85	9.65	9.46	18.10

<sup>1</sup>No road constructed.  
<sup>2</sup>Entire line.

TABLE NO. 1—Continued.  
ABSTRACT OF TRACK MILEAGE OF STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	California Southern Railroad Company	California Western Railroad and Navigation Company	Camino, Placerville and Lake Tahoe Railroad Company	Cement, Tolman and Tidewater Railroad Company	Chowchilla Pacific Railway Company	Death Valley Railroad Company	Diamond and Caldes Railway
<i>Line Owned.</i>							
Miles of main line—single track	50	42 85	8 06	3 46	10 22	20 35	33
Miles of main line—second track							
Miles of main line—other tracks							
Miles of branches and spurs	3 73	8 16	1 04	1 44	1 50	1 04	1 74
Miles of yard track and sidings							
Totals	53 73	51 01	9 00	5 10	11 72	21 39	34 74
<i>Line Operated Under Lease.</i>							
Miles of main line—single track							
Miles of main line—second track							
Miles of main line—other tracks							
Miles of branches and spurs							
Miles of yard track and sidings							
Totals							
<i>Under Contract.</i>							
Miles of main line—single track				20			
Miles of main line—second track							
Miles of main line—other tracks							
Miles of branches and spurs							
Miles of yard track and sidings							
Totals				20			
<i>Line Operated Under Trackage Rights.</i>							
Miles of main line—single track						30	
Miles of main line—second track							
Miles of main line—other tracks							
Miles of branches and spurs							
Miles of yard track and sidings						1 49	
Totals						1 70	
Total line operated	53 73	51 01	9 00	5 30	11 72	23 18	34 74

TABLE NO. 1—Continued.  
ABSTRACT OF TRACK MILEAGE OF STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1900.

	Atchafalaya Railroad	Holton Interurban Railway Company	Howard Terminal Railway	Siacoma, Malibu and Southern Railway <sup>1</sup>	Humboldt Northern Railway Company	Indian Valley Railroad Company	Industrial Terminal Railway Company <sup>1</sup>	The Iron Mountain Railway Company
<i>Line Owned.</i>								
Miles of main line—single track.	08	10 47			18 20	21 06		11
Miles of main line—second track.								
Miles of main line—other tracks.								
Miles of branches and spurs.	3 07		1 59		3 96	1 76		3
Miles of yard track and sidings.								
<b>Totals.</b>	<b>71 07</b>	<b>10 47</b>	<b>1 59</b>		<b>22 26</b>	<b>22 82</b>		<b>14</b>
<i>Line Operated Under Lease.</i>								
Miles of main line—single track.								
Miles of main line—second track.								
Miles of main line—other tracks.								
Miles of branches and spurs.								
Miles of yard tracks and sidings.								
<b>Totals.</b>								
<i>Line Operated Under Contract.</i>								
Miles of main line—single track.								
Miles of main line—second track.								
Miles of main line—other tracks.								
Miles of branches and spurs.								
Miles of yard track and sidings.								
<b>Totals.</b>								
<i>Rights.</i>								
Miles of:								
Miles of:								
Miles of:								
Miles of:								
<b>Totals.</b>								
<b>Total line operated.</b>	<b>71 07</b>	<b>10 47</b>	<b>1 59</b>		<b>22 26</b>	<b>22 82</b>		<b>14</b>

<sup>1</sup>No road constructed.

TABLE NO. 1—Continued.  
ABSTRACT OF TRACK MILEAGE OF STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Kings Lake Shore Railroad Company	Lake Tahoe Railway and Transportation Company	Los Angeles and Salt Lake Railroad Company <sup>1</sup>	McCloud River Railroad Company	Mount Tahoe and Muir Woods Railway	Mojave Northern Railroad Company	Nevada California Oregon Railway <sup>1</sup>	Nevada County Narrow Gauge Railroad Company
<i>Lines Owned.</i>								
Miles of main line—single track.....	17.4	10.47	681.06	47.03	11.07	5.50	171.29	20.05
Miles of main line—second track.....								
Miles of main line—other tracks.....			357.01					
Miles of branches and spurs.....	2	2.93	293.30	16.74	1.42		13.06	3.56
Miles of yard track and sidings.....								
Totals.....	19.4	19.40	1,331.37	63.77	12.49	5.50	184.35	24.21
<i>L</i>								
Miles of.....								
Miles of.....								
Miles of.....								
Miles of branches and spurs.....								
Miles of yard track and sidings.....						.50		
Totals.....						.50		
<i>Lines</i>								
Miles of.....								
Miles of.....								
Miles of.....								
Miles of.....								
Miles of.....			10					
Totals.....			.10					
<i>Lines Operated Under Trackage Rights.</i>								
Miles of main line—single track.....			130.78					
Miles of main line—second track.....			60.67					
Miles of main line—other tracks.....								
Miles of branches and spurs.....			163.69					
Miles of yard track and sidings.....								
Totals.....			354.14					
Total line operated.....	19.4	19.40	1,685.61	63.77	12.49	6	184.35	24.21

<sup>1</sup>Entire line mileage.

TABLE NO. 1--Continued.  
ABSTRACT OF TRACK MILEAGE OF STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920

	Northwestern Pacific Railroad Company	Ocean Shore Railroad Company <sup>1</sup>	Pacific Coast Railway Company	Pedern Valley Consolidated Railroad	Quincy Railroad Company	Sacramento Valley and Eastern Railway	San Diego and Arizona Railway Company
Miles of <i>road.</i>							
Miles of .....	409.52		76.64	40.08	5.29	15	94.226
Miles of .....	15.62						
Miles of .....							
Miles of .....	107.62		26.41				42.224
Miles of .....	138.01		10.98	9.62	.90	.60	22.458
Totals .....	668.77		113.98	49.65	6.19	15.60	169.020
<i>Lines Operated Under Lease.</i>							
Miles of main line—single track .....							
Miles of main line—second track .....							9.839
Miles of main line—other tracks .....							
Miles of branches and spurs .....							
Miles of yard track and sidings .....							1.404
Totals .....							11.243
<i>Contract.</i>							
Miles of .....							
Miles of .....							
Miles of .....							
Miles of .....							
Miles of .....							
Totals .....							
<i>Trackage Rights.</i>							
Miles of .....	17.26						9.759
Miles of .....							
Miles of .....							
Miles of .....							
Miles of .....	1.94						7.842
Totals .....	19.22						17.602
Total line operated .....	687.99		113.98	49.65	6.19	15.60	197.245

<sup>1</sup>Road dismantled, goes out of business.

TABLE NO. 1—Continued.  
ABSTRACT OF TRACK MILEAGE OF STREAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Joaquin and Eastern Railroad Company	Santa Maria Valley Railroad Company	Sierra Railway Company of California	South San Francisco Belts Railway	Southern Pacific Company <sup>1</sup>	Stockton Terminal and Eastern Railroad	Stone Canon Railroad
<i>Lines Owned.</i>							
Miles of main line—single track	55.91	17.77	56.65		10.37	18.50	21.68
Miles of main line—second track					15.88		
Miles of main line—other tracks					537.25		
Miles of branches and spurs	5.50	1.90	9.06	3.08	213.22	2.20	
Miles of yard track and sidings							
Totals	61.41	19.57	65.61	3.08	776.82	20.70	21.68
<i>Lines Operated Under Lease.</i>							
Miles of main line—single track		3.02			4.37		
Miles of main line—second track							
Miles of							
Miles of							
Miles of							
Totals		3.02			4.37		
<i>Lines Operated Under Contract.</i>							
Miles of main line—single track					6,520.15		
Miles of main line—second track					454.24		
Miles of main line—other tracks					21.74		
Miles of branches and spurs					2,705.12		
Miles of yard track and sidings							
Totals					9,711.35		
<i>Trackage Rights.</i>							
Miles of		1.18	.14		38.31		
Miles of					.27		
Miles of							
Miles of branches and spurs							
Miles of yard track and sidings			.16		91		
Totals		1.18	.32		37.00		
Total line operated	61.41	24.37	65.93	3.08	10,520.53	20.70	21.68

<sup>1</sup>Entire line.





TABLE No. 2.  
ABSTRACT OF BALANCE SHEETS OF STEAM ROADS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Amador Central Railroad Company	Amargosa Valley Railroad Company <sup>1</sup>	Arco and Mad River Railroad Company	The Atchison, Topeka and Santa Fe Railway Company	Bay Point and Clayton Railroad Company	Burlington and Elk River Railroad Company	California Central Railroad Company	California, Shasta and Eastern Railway Company
<b>Assets.</b>								
Investments.								
Investment in road and equipment.	\$420,228 87		\$287,363 90	\$663,828,488 18	\$225,518 84	\$363,946 92	\$2,286,168 87	\$200,197 16
Improvements in leased railway property.				2,468,992 73				
Sinking funds.	3,073 28			256 97				
Deposits in lieu of mortgage property sold.				4,404,982 66		42,628 26		
Miscellaneous physical property.				128,602,638 17				
Investment in affiliated companies.				21,853,209 70				
Other investments.	40,000 00							
Total investments.	\$463,303 15		\$287,363 90	\$821,159,568 40	\$225,518 84	\$306,575 18	\$2,286,168 87	\$200,197 16
<b>Current Assets.</b>								
Cash.	\$321 57		\$364 44	\$34,371,216 43		\$8,020 71		\$1,063 80
Demand loans and deposits.								
Time drafts and deposits.								
Special deposits.	100 00			269,637 27			\$3,449 23	209 56
Loans and bills receivable.	993 92			4,500 00			123 41	4 31
Traffic and car service balances.	10,063 54		1,864 44	1,390,461 46				12,921 60
Accounts and conductors.	2,271 06		62,143 73	44,016,748 38		1,029 88		2142 88
	16,922 84		5,868 51	32,989,600 75		1,923 30		
				8,183,202 78				
				227,961 16				
Total current assets.	\$34,363 53		\$60,029 12	\$117,290,333 04		\$10,972 89	\$3,571 64	\$14,008 96
Deferred assets.				46,846,312 18				
Unadjusted debits.	\$37,008 31			34,529,118 59		\$70,000 00		
Debit.	66,491 29						105,491 83	98,876 06
Grand total.	\$896,846 28		\$347,393 02	\$1,019,838,232 18	\$225,518 84	\$387,548 07	\$2,455,233 33	\$313,109 19

Liabilities.									
Capital stock.....	\$400,000 00								\$72,000 00
Funded debt.....	240,500 00								126,000 00
Notes.....									
Open accounts.....									
Total long term debt.....	\$240,500 00								\$126,000 00
	\$16,000 00								
	600 10								
	8,930 21								
	2,500 00								
	1,423 87								
Total current liabilities.....	\$29,514 16								\$112,863 00
Deferred liabilities.....	171 04								
Unadjusted credits.....	100,825 16								123 00
Sinking fund reserve.....									
Other reserves and appropriations.....	115,846 90								123 20
Surplus.....									
Grand total.....	\$295,855 26								\$312,100 10

<sup>1</sup>No transactions either for construction or operation.

<sup>2</sup>Credit item.

TABLE NO. 2—Continued.  
ABSTRACT OF BALANCE SHEETS OF STEAM ROADS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	California Southern Railroad Company	California Western Railroad and Navigation Company	Camino, Phoenixville and Lake Tahoe Railroad Company	Central, Tolness and Tide-water Railroad Company	Chowchilla Pacific Railroad Company	Death Valley Railroad Company	Diamond and Collier Railway
<b>Assets</b>							
<i>Investments</i>							
Investment in road and equipment	\$355,557 29	\$2,131,400 87	\$200,000 00	\$262,901 59	\$110,194 13	\$414,057 25	\$537,109 04
Improvements in leased railway property						9 00	
Sinking funds							
Deposits in lieu of mortgage property sold		100 00					
Miscellaneous physical property		36,513 75					
Investment in affiliated companies							
Other investments							
<b>Total investments</b>	\$355,557 29	\$2,168,014 62	\$200,000 00	\$262,901 59	\$110,194 13	\$414,067 25	\$537,109 04
<i>Current Assets</i>							
Traffic and car service balances	9,100 00					564 37	
Agents and conductors	2,766 53	8,079 87				208 19	25 54
Miscellaneous accounts receivable	3,435 67	621 63		454 91		1,563 75	
Miscellaneous supplies		16,793 19		81,940 86		9,236 45	4,263 07
Interest and dividends receivable		35,443 53					
Rents receivable							
Other current assets		23,131 26					
<b>Total current assets</b>	\$16,071 76	\$126,246 18		\$100,925 73	\$21 82	\$231,068 16	\$4,858 09
Deferred assets	18,365 87	160 00					
Unadjusted debits	25,194 47	17,994 25	\$42,460 03		18,266 48	7,908 53	
Deficit							
<b>Grand total</b>	\$575,809 29	\$2,312,426 06	\$242,460 03	\$363,827 32	\$138,462 43	\$653,075 36	\$541,767 13

<b>Liabilities.</b>									
Capital stock.....	\$162,500 00	\$1,000,000 00	\$100,000 00	\$254,000 00	\$10,000 00	\$344,000 00	\$340,800 00		
Funded debt.....	\$475,000 00	\$475,000 00	\$100,000 00			\$178,728 00	\$171,000 00		
Notes.....									
Open accounts.....									
Total long term debt.....	\$475,000 00	\$475,000 00	\$100,000 00			\$178,728 00	\$171,000 00		
<b>Current Liabilities.</b>									
Lease and bills payable.....	\$10,000 00	\$73,806 06							
	9,888 58	6,183 02							
	112,620 00	24,828 26							
	38,700 00		\$36,400 02						
			6,000 00						
	341 00	10,128 00							
	948 61								
Total current liabilities.....	\$180,000 00	\$114,762 34	\$42,400 02	\$4,654 42		\$14,825 02	\$39,710 93		
Deferred liabilities.....									
Unadjusted credits.....	125,110 06	202,073 84		42,142 84		171,000 01	44,987 45		
Sinking fund reserve.....									
Other reserves and appropriations.....		600 00		7,000 00					
Surplus.....	44,000 65	210,998 87		62,520 08		21,804 80	66,068 75		
Grand total.....	\$875,000 26	\$2,312,435 06	\$342,400 02	\$363,527 23	\$128,482 43	\$363,079 24	\$541,767 12		

TABLE NO. 2—Continued.  
ABSTRACT OF BALANCE SHEETS OF STEAM ROADS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Hetch Hetchy Railroad	Holton Interurban Railway Company	Howard Terminal Railway	Huachuca, Mariposa and Southern Railway's	Humboldt Northern Railway Company	Indian Valley Railroad Company	Industrial Terminal Railway Company's	The Iron Mountain Railway Company
<b>Assets.</b>								
<b>Investments.</b>								
Investment in road and equipment	\$2,940,612 84	\$372,186 94	\$49,038 14		\$419,917 01	\$515,208 54		\$100,000 00
Improvements in leased railway property								
Property sold by		136 30			19,496 11	22,338 76		
Others			3,774 48					
<b>Total investments</b>	<b>\$2,940,612 84</b>	<b>\$372,323 24</b>	<b>\$52,812 62</b>		<b>\$439,413 12</b>	<b>\$537,547 30</b>		<b>\$100,000 00</b>
<b>Current Assets.</b>								
Cash		\$4,407 43	\$110 84	\$5,000 00		\$4,132 06		
Prepaid losses and damages						70,000 00		
		2,400 00				1,000 00		
Traffic and car service balances		1,387 50				4,796 11		
Agents and conductors		688 21				1,428 57		
Miscellaneous accounts receivable		5,249 62	2,723 18		\$9,306 80	15,399 69		
Material and supplies	\$35,445 23	4,244 72	99 27		30,497 40	5,713 33		
Interest and dividends receivable			35 68			1,920 26		
Rents receivable								
Other current assets						2,096 24		
<b>Total current assets</b>	<b>\$35,445 23</b>	<b>\$19,437 87</b>	<b>\$8,448 99</b>	<b>\$5,000 00</b>	<b>\$39,803 20</b>	<b>\$106,483 25</b>		
Deferred assets	60,969 21							
Unadjusted deficits		2,340 08	116 65		40,137 01			
Deficit	\$35,708 84	37,334 78						
<b>Grand total</b>	<b>\$3,502,754 11</b>	<b>\$431,415 97</b>	<b>\$61,378 26</b>	<b>\$5,000 00</b>	<b>\$819,353 42</b>	<b>\$644,030 54</b>		<b>\$100,000 00</b>

		Liabilities								
Capital stock.			\$200,000 00	\$34,100 00	\$5,000 00	\$500,000 00	\$400,000 00	\$100,000 00		\$100,000 00
Funded debt.			\$81,000 00							
Notes.										
Open accounts.	\$3,562,764 11									
Total long term debt.	\$3,562,764 11		\$81,000 00							
			\$903 32	\$800 00			\$2,974 28			
			4,063 05			\$438 33	9,129 14			
			91,117 79	3,250 00			1,486 43			
			2,400 00							
Unmatured interest accrued.										
Unmatured rents accrued.										
Other current liabilities.				10,272 85						
Total current liabilities.			\$88,604 06	\$13,322 85		\$638 33	\$13,568 55			
Deferred liabilities.										
Unadjusted credits.			32,811 91	13,630 70		2,091 96	4,306 87			
Sinking fund reserve.										
Other reserves and appropriations.			19,000 00							
Surplus.				324 71			141,124 32			
Grand total.	\$3,562,764 11		\$431,416 97	\$41,378 26	\$5,000 00	\$519,352 42	\$644,080 54			\$100,000 00

<sup>1</sup>Includes \$3,100 premium on capital stock.

<sup>2</sup>Road not operating or constructed.



TABLE NO. 2—Continued.  
ABSTRACT OF BALANCE SHEETS OF STEAM ROADS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1930.

	Kings Lake Shore Railroad Company	Lake Tahoe Railway and Transportation Company	Los Angeles and Salt Lake Railroad Company	McCloud River Railroad Company	Mount Tahoe and Mt. Woods Railway	Mojave Northern Railroad Company	Nevada California Oregon Railway	Nevada, County Narrow Gauge Railroad Company
<i>Assets.</i>								
<i>Investments.</i>								
Investment in road and equipment.....	\$280,976 03	\$484,046 96	\$64,880,191 88	\$2,918,907 38	\$408,000 30		\$3,312,406 22	\$762,781 48
Improvements in leased railway property.....		1,831 03	79,846 51	172,000 00				
Sinking funds.....			20,380 00					
Deposits in lieu of mortgage property sold.....		\$41,536 59	2,262,280 04	7,377 46	1,120 06			
Miscellaneous physical property.....		23,977 00	200,707 17				34,967 00	
Investment in affiliated companies.....		17,500 00	84,217 05	10,000 00	15,000 00		7,332 27	25,000 80
Other investments.....								
Total investments.....	\$280,976 03	\$1,240,862 18	\$67,527,502 65	\$3,108,284 86	\$484,721 07	\$125,919 56	\$3,345,825 49	\$794,781 48
<i>Current Assets.</i>								
.....	\$15 16	\$16,097 00	\$3,199,980 57	\$128,388 46	\$2,021 20	\$141 82	\$20,517 66	\$22,000 06
.....							26 00	
.....	244 28	305 52	3,500 00	4,543 00			29,132 37	163 40
.....		41 36	318,496 77	4,247 95			3,314 86	1,867 61
.....		13,285 75	4,139,696 60	26,838 60	749 99		31,444 22	4,845 23
.....		23,178 64	3,079,513 63	127,868 64	18,206 30		74,818 03	3,750 74
.....			429,591 48				415 61	
Other current assets.....	16,775 31		1,463 76	71				
Total current assets.....	\$16,034 76	\$42,378 26	\$10,782,904 92	\$202,173 26	\$21,037 06	\$141 82	\$180,308 78	\$32,896 06
Deferred assets.....		178 00	7,831,082 96	500 00				16,638 28
Unadjusted debits.....		9,263 36	1,871,026 03	8,063 68	2,805 23		13,725 55	15,661 26
Deficit.....						18,836 72	652,423 68	52,340 85
Grand total.....	\$286,011 26	\$1,303,228 62	\$107,782,466 56	\$3,404,011 80	\$508,422 94	\$154,958 13	\$4,071,372 47	\$912,237 93



TABLE No. 2—Continued.  
ABSTRACT OF BALANCE SHEETS OF STEAM ROADS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Northwestern Pacific Railroad Company	Ocean Shore Railroad Company	Pacific Coast Railway Company	Pajero Valley Consolidated Railroad Company	Quincy Railroad Co.	San Joaquin Valley and Eastern Railway	San Diego and Arizona Railway Company
<i>Assets.</i>							
Investments.							
Land and property.	\$67,306,831 64	\$5,269,916 43	\$2,913,787 24	\$500,500 51	\$33,247 56	\$548,701 13	\$13,308,313 34
Property sold.	306 89						14,211 83
Property sold.	138,303 44	\$5,549 24					113,587 79
Other investments.	14,000 00	76,675 00	50,000 00				4,200,323 12
Total investments.	\$67,349,020 97	\$5,432,140 86	\$2,963,787 24	\$500,500 51	\$33,247 56	\$548,701 13	\$17,727,176 06
<i>Current Assets.</i>							
Cash.	\$404,230 78	\$75,753 97	\$48,196 06		\$187 73	\$1,330 90	\$405,741 99
Demand loans and deposits.	200,000 00						264,000 00
Time drafts and deposits.	17,000 00	500 00					88,883 48
Special deposits.	5,000 00						34,508 07
Loans and bills receivable.	20,695 09	44 91	90 68	\$420 89	370 27	206 25	22,785 86
Traffic and car service balances.	55,895 76		46,833 16	6,700 05		20,181 63	133,253 83
Agents and conductors.	159,373 16	107,365 74	8,942 28	34,700 15	832 39	1,140 32	269,008 99
	1,060,675 20	\$1,941 89	43,981 48	15,433 41	302 21		
	268 40		371 81				
Total current assets.	\$1,943,039 51	\$215,507 01	\$147,436 37	\$37,254 00	\$1,502 00	\$32,907 20	\$1,313,630 20
Deferred assets.	717,677 81	19,193 13	28,982 62				335 39
Unadjusted debits.	1,556,043 59			630,956 00	175 09	1,913 66	357,508 79
Deficit.				\$0,700 84	13,576 74	131,103 77	2,508,370 33
Grand total.	\$71,705,781 93	\$5,646,891 00	\$3,145,206 23	\$1,235,480 35	\$47,991 90	\$714,590 04	\$21,308,065 95

## BALANCE SHEETS OF STEAM RAILROADS.

Liabilities.									
12	Capital stock.....	\$38,000,000 00	\$3,746,975 00	\$1,370,400 00	\$1,100,000 00	\$30,800 00	\$500,000 00	\$7,336,800 00	
13	Funded debt .....	\$20,310,500 00		\$1,370,000 00				\$10,500,000 00	
14	Notes.....							1,196,508 10	
15	Open accounts.....							1,448,144 24	
	Total long term debt.....	\$20,310,500 00		\$1,370,000 00				\$13,144,649 34	
	Current Liabilities.								
		\$177,477 01	\$150 87	\$6,217 94	\$96,443 40	\$10,108 00			
		745,658 79	8,446 84	32,184 02	133 87	3,023 79		\$112,309 17	
		28,301 00	1,599 59	2,633 37	33,222 45	3,523 06	\$82,413 86	218,336 26	
		4,650 00				602 05		63 93	
								216,533 33	
		17,000 00							
		440,766 25		27,406 00					
				159 50					
	Total current liabilities.....	\$1,412,053 65	\$10,208 60	\$67,594 92	\$129,799 72	\$17,356 90	\$82,413 86	\$648,803 48	
	Deferred liabilities.	644,991 53							
	Unadjusted credits .....	1,764,866 91	11,226,056 32	68,326 86	106,650 33		132,170 16	186,736 03	
	Surplus fund reserve.....	14,146 89				136 00			
	Other reserves and appropriations .....	100,068 00	757 42	605 49				1,260 00	
	Surplus .....	3,468,365 80	683,318 86	248,219 98					
	Grand total .....	\$71,705,781 88	\$5,666,891 00	\$3,145,206 23	\$1,338,450 05	\$47,991 90	\$714,590 04	\$31,808,038 86	

\*Includes payments of \$1,980,332.76.

TABLE NO. 2—Continued.  
ABSTRACT OF BALANCE SHEETS OF STEAM ROADS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	San Joaquin and Eastern Railroad Company	Santa Maria Valley Railroad Company	Sierra Railway Company of California	South San Francisco Belt Railway	Southern Pacific Company	Stockton Terminal and Eastern Railroad	Stone Canon Railroad
<b>Assets.</b>							
Investment in road and equipment	\$1,248,228 31	\$246,770 96	\$5,080,819 49	\$82,961 26	\$140,722,153 57	\$142,263 16	\$250,206 16
Improvements in leased railway property		54 93	1,079 24		4,207,067 10		
Property sold by leases	88,429 34 500 00				14,386,522 46 12,611,323 91 628,786,820 08 10,845,847 06		
Total investments	\$1,437,157 65	\$247,025 89	\$5,758,206 23	\$82,961 26	\$811,650,733 88	\$142,263 16	\$250,206 16
<b>Current Assets.</b>							
Cash	\$20,492 10	\$42,240 20	\$31,108 49	\$932 40	\$13,647,208 20	\$328 95	\$94 49
Demand loans and deposits			3 90				
Time drafts and deposits					222,054 20 36,032 12 8,642,501 10 3,322,899 13 25,316,826 43 26,467,366 31 2,009,656 01 927,778 19 263,267 57		307 45 12,866 00
Total current assets	\$139,650 49	\$78,011 17	\$130,616 35	\$932 41	\$89,370,486 45	\$328 95	\$13,318 04
Deferred assets	3,000 00				48,570,677 97		
Unadjusted credits	1,320,566 13	247,168 09		42 62	28,293,699 33		
Deficit	419,847 25			70,222 89		3,102 97	223,546 45
Grand total	\$3,230,221 45	\$570,206 15	\$5,888,821 58	\$154,656 18	\$985,201,597 63	\$146,755 10	\$477,070 65



TABLE NO. 2—Continued.  
ABSTRACT OF BALANCE SHEETS OF STEAM ROADS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1922.

	Summit Railway Company	Tecopa and Tidewater Railroad Company	Troms Railway Company	Ventura County Railway Company	The Western Pacific Railroad Company	Yosemite Valley Railroad Company	Yreka Railroad Company	Total
<i>Assets.</i>								
<i>Investments.</i>								
Cash	\$1,769,921 82	\$4,209,776 07	\$637,125 24	\$311,306 08	\$62,884,238 99	\$9,401,540 32	\$132,403 04	\$1,117,619,238 72
Demand loans and deposits	.....	272,119 23	.....	.....	50,006 50	.....	.....	6,790,271 66
Time drafts and deposits	.....	18,945 90	.....	.....	608,228 43	.....	.....	590,690 18
Special deposits	.....	9,940 32	13,008 13	.....	158,202 10	25,619 31	.....	15,033,845 76
Loans and bills receivable	.....	131,800 00	.....	.....	1,032,105 65	.....	.....	20,456,621 10
Traffic and car service balances	.....	1,200 00	.....	.....	59,400 00	2,825 00	.....	764,064,253 03
Agents and conductors	.....	.....	.....	.....	.....	.....	.....	32,224,186 04
Miscellaneous accounts receivable	.....	.....	.....	.....	.....	.....	.....	.....
Material and supplies	.....	.....	.....	.....	.....	.....	.....	.....
Interest and dividends receivable	.....	.....	.....	.....	.....	.....	.....	.....
Rents receivable	.....	.....	.....	.....	.....	.....	.....	.....
Other current assets	.....	.....	.....	.....	.....	.....	.....	.....
Total investments	\$1,775,060 15	\$4,543,382 52	\$666,138 37	\$311,306 08	\$65,092,177 57	\$9,429,964 63	\$132,403 04	\$1,967,789,226 82
<i>Current Assets.</i>								
Cash	\$15,276 09	\$179,332 61	\$9,671 16	\$28,061 65	\$281,588 50	\$9,639 92	\$1,094 31	\$42,959,963 60
Demand loans and deposits	.....	.....	.....	.....	9,732,560 69	.....	.....	10,066,560 69
Time drafts and deposits	.....	.....	.....	.....	.....	.....	.....	200,003 90
Special deposits	.....	.....	.....	.....	16,592 52	56,425 00	.....	676,447 47
Loans and bills receivable	.....	.....	69,000 00	.....	.....	42,854 48	.....	215,830 86
Traffic and car service balances	.....	.....	944 22	.....	543,394 39	3,470 82	.....	10,980,929 62
Agents and conductors	.....	.....	3,894 20	.....	225,609 96	5,472 16	.....	8,267,866 03
Miscellaneous accounts receivable	.....	.....	16,376 11	.....	875,314 95	35,755 65	.....	88,170,042 87
Material and supplies	.....	.....	2,456 56	.....	2,040,001 94	22,900 36	.....	66,568,748 43
Interest and dividends receivable	.....	.....	.....	.....	34,141 82	2,250 10	.....	10,662,488 04
Rents receivable	.....	.....	.....	.....	.....	.....	.....	1,006,594 23
Other current assets	.....	.....	422 33	.....	597,592 58	8,861 97	991 79	1,143,511 68
Total current assets	\$725,801 44	\$272,663 25	\$102,768 58	\$53,966 30	\$14,946,597 35	\$234,680 46	\$2,076 10	\$236,015,938 04
Deferred assets	248,534 41	400 00	.....	.....	6,106,186 28	.....	1,021 41	120,575,622 48
Unadjusted debits	17,001 82	16,717 14	62,047 50	504 23	4,511,797 77	7,550 06	12,093 51	74,241,951 43
Deficit	.....	1,028,204 46	.....	101,513 24	.....	853,138 08	.....	7,100,944 61
Grand total	\$2,777,267 92	\$5,960,567 37	\$533,949 45	\$467,289 94	\$131,156,759 07	\$10,525,293 17	\$148,594 06	\$2,396,723,653 06

Liabilities.							
Capital stock.....	\$1,000,000 00	\$1,000,000 00	\$238,000 00	\$75,000,000 00	\$4,000,500 00	\$78,426 00	\$354,080,161 01
Funded debt.....	\$549,000 00	\$3,285,344 10	\$15,000 00	\$23,182,700 00	\$5,000,000 00	.....	\$591,130,561 00
Notes.....	.....	.....	.....	.....	.....	.....	1,285,438 89
Open accounts.....	.....	1,453,452 39	.....	.....	.....	.....	125,616,354 91
Total long term debt.....	\$549,000 00	\$4,768,796 49	\$15,000 00	\$23,182,700 00	\$5,000,000 00	.....	\$716,032,354 80
Current Liabilities.							
Unmatured interest accrued.....	\$268,708 25	\$19,413 95	.....	\$735,119 89	\$50,000 00	.....	\$9,323,931 93
Unmatured rents accrued.....	65,377 80	55,847 49	\$1,737 38	1,350,180 60	2,936 03	.....	9,266,470 99
Other current liabilities.....	7,549 81	153 25	.....	108,199 52	28,650 13	.....	44,707,749 41
Unmatured interest accrued.....	.....	.....	.....	16,593 52	1,626 90	.....	7,647,967 43
Unmatured rents accrued.....	.....	.....	.....	.....	581,425 00	.....	4,042,624 16
Other current liabilities.....	.....	.....	.....	.....	.....	.....	4,870,263 28
Unmatured interest accrued.....	8,675 00	24,937 50	.....	413,878 32	.....	.....	22,500 00
Unmatured rents accrued.....	.....	.....	.....	5,824 98	.....	.....	6,477,610 00
Other current liabilities.....	2,384 23	2,039 49	.....	92,720 59	.....	2,459 30	6,038,787 59
Total current liabilities.....	\$342,846 19	\$112,991 86	\$1,737 38	\$2,838,264 52	\$664,638 06	\$2,459 30	175,083,109 58
Deferred liabilities.....	341,307 55	11,599 93	.....	7,370,665 35	.....	.....	206,077,176 53
Unadjusted credits.....	43,194 46	61,846 04	230,552 56	9,337,266 52	1788,469 90	28,849 48	478,893 35
Sinking fund reserve.....	36,811 74	.....	.....	50,000 50	.....	.....	92,403,969 36
Other reserves and appropriations.....	62,402 38	5,663 23	.....	134,796 60	3,666 12	38,860 28	252,869,027 76
Surplus.....	402,025 60	18,491 45	.....	3,244,039 48	.....	.....	.....
Grand total...	\$2,777,287 92	\$5,940,367 37	\$457,289 94	\$121,156,759 07	\$10,526,293 17	\$148,594 06	\$2,306,723,653 08

<sup>1</sup>Includes assessment of \$658,950.







TABLE NO. 2.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF LARGE STEAM ROADS OPERATING IN CALIFORNIA DURING YEAR ENDING DECEMBER 31, 1920.

	The Atchafson, Topeka and Santa Fe Railway Company <sup>1</sup>	California Southern Railroad Company	California Western Navigation Company	Death Valley Railroad Company	Indian Valley Railroad Company	Los Angeles and Salt Lake Railroad Company <sup>2</sup>	McCloud River Railroad Company	Nevada, California Oregon Railway
<i>Operating Income.</i>								
Railway operating revenue	\$178,476,760 49	\$276,894 25	\$279,206 02	\$116,773 26	\$137,116 89	\$17,983,502 73	\$487,071 88	\$418,304 41
Railway operating expenses	155,078,452 14	202,954 91	227,504 79	86,102 47	80,873 60	13,776,724 56	313,046 41	410,606 28
Net revenue from railway operation	\$23,397,298 35	\$73,939 34	\$51,731 23	\$30,670 78	\$56,243 09	\$4,106,778 17	\$174,025 47	\$7,698 13
Railway tax accruals	9,763,145 16	11,331 11	22,336 44	4,733 14	8,624 96	960,813 23	30,828 44	19,291 96
Uncollectible railway revenues	19,092 87					670 05		130 51
	\$13,596,060 30	\$62,608 23	\$29,102 79	\$25,947 64	\$47,318 13	\$3,155,204 90	\$143,197 03	\$11,734 33
Net revenue from miscellaneous opera- tions	442,039 56				25,180 07			
Taxes on miscellaneous operating property	418,460 27				23,056 40			
Miscellaneous operating income	\$21,958 77				\$1,746 54			
Total operating income	\$13,617,019 07	\$62,608 23	\$29,102 79	\$25,947 64	\$49,063 67	\$3,155,204 90	\$143,197 03	\$11,724 33
<i>Nonoperating Income.</i>								
Hire of								
Rent of								
Rent from passenger train cars	\$474,158 76		\$34,315 83			\$77,390 48		
Rent from floating equipment	515,227 19		1,010 19			3,372 23	\$7,856 78	
Rent from work equipment	231,396 99					33,573 75		
Rent from work equipment	35,925 22							
Joint facility rent income	66,455 35		731 00			1,440 36	5,334 40	\$10 00
Income from lease of road	322,387 00		11,103 06	\$675 00		9,349 31		
Miscellaneous rent income	7,071,226 10					569,125 18		
Miscellaneous nonoperating physical prop-	330,308 85		26 00			30,334 16		
	42,866 39					12,527 84	164 70	
						6,918 79		
	5,195,387 43		7 09					
	7,417,731 87		1,106 04			2,826 11		627 24
	610,331 63		3,035 43	4,126 36	\$2,853 06	236,410 00	786 87	486 96
	74,859 97					2,762 98		
	17,082,357 06	\$13 00	52 50		286 84	\$143,273 83	8,324 24	26,189 21
Total nonoperating income	\$29,480,639 97	\$13 00	\$52,036 01	\$4,801	\$2,969 90	\$932,066 95	\$23,166 94	\$30,319 53
Gross income	\$53,097,649 04	\$62,621 23	\$81,237 80	\$30,749	\$52,033 57	\$4,987,361 85	\$166,363 97	\$18,889 20

Deductions from Gross Income.									
	\$147,567 82	\$7,003 08	\$153 67	\$1,292 04	\$16,355 83	\$5,906 81	\$5,906 01		
	141,068 19	8,032 92	300 47		54,906 81				
	2,028 71	2,392 82			1,033 27				
	970,107 78		8 50		236,662 91		60 50		
	1 248 134 28		846 39		871 84				
	108,200 68				2 00				
	34,590 31				97,036 70		56 30		
	11,533 25								
	12,015,620 67	28,500 00	41,176 00		3,200 390 00		68,000 00		\$58,238 50
	133,346 41	1,807 03	4,344 31		287,268 18		4 43		1,584 08
		2,469 24	1,063 02		42,243 64				
	\$18,636 06			187 91	55,706 04				328 40
Total deductions from gross income...	\$15,488,356 33	\$50,868 39	\$47,406 06	\$1,292 04	\$3,173,687 06		\$96,106 23		\$60,000 98
Net income.....	\$37,508,793 71	\$11,754 84	\$32,820 84		\$812,664 77		\$100,257 74		\$41,461 78
ing and									
surplus	\$87,129 61				\$12,763 98				
invest-	19,849,795 00								
income	46,300 21		9000 00		149,789 22				
	1,288,516 40	\$17,800 00	756 58		142,718 88				\$3,968 08
	54,718 14		7,489 41		211,393 95		81,514 21		3,000 00
	65,085,969 00	48,838 61	208,510 86		428,957 31		108,639 64		
		44,000 85	319,948 67		1,011,292 81		207,063 17		\$11,259 96
	\$4,115,355 95								\$82,423 68

1 Low.

2 Corporate operations of 10 months only.

3 Debit item.











TABLE NO. 3—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF SMALL STEAM ROADS OPERATING IN CALIFORNIA DURING YEAR ENDING DECEMBER 31, 1920.

	Amador Central Railroad Company	Amargosa Valley Railroad Company	Arresta and Mad River Railroad Company	Bay Point and Clayton Railroad Company	Buckport and Elk River Railroad Company	California Central Railroad Company	California Shasta and Eastern Railway Company	Camino, Mod Placerville and Lake Tahoe Railroad Company
<i>Operating Income.</i>								
Railway operating revenue	\$70,758 43		\$108,833 96	\$47,038 64	\$17,303 46	\$35,235 52	\$8,205 68	\$91,114 87
Railway operating expense	60,778 87		57,670 83	30,381 03	17,329 08	22,306 15	15,964 00	45,518 80
Net revenue from railway operations	8979 56		\$51,163 13	\$16,657 61	\$163 46	\$12,929 37	\$16,241 68	\$45,596 07
Railway tax accruals	5,734 84		5,099 90	1,749 33	2,523 95		505 48	1,166 18
Uncollectible railway revenues	78 95							
	\$4,830 03		\$11,063 93	\$18,407 70	\$2,853 49	\$12,919 37	\$16,747 16	\$46,762 25
Net revenue from miscellaneous operations								
Taxes on miscellaneous operating property								
Miscellaneous operating income								
Total operating income	\$4,830 03		\$11,063 93	\$18,407 70	\$2,853 49	\$12,919 37	\$16,747 16	\$46,762 25
<i>Total nonoperating income.</i>								
Gross income	\$1,790 90		\$4,337 10	\$18,927 70	\$3,040 00	\$2,919 37	\$18,006 75	\$36 60
Gross loss	3,040 08		15,300 83		310 40		8,781 88	36,324 18
Miscellaneous deductions from gross income	14,170 13			18,067 70		20,388 98	8,684 74	6,000 88
Net income	\$17,310 13		\$16,336 26	\$2,870 00	\$319 60	\$20,400 61	\$1,322 86	\$32,834 13
Net loss								





<i>Disposition of Net Income.</i>			
Income or surplus applied to sinking and other reserve funds.....	\$10,360 00		
Dividend appropriations of income or surplus.....			
Income or surplus appropriated for investment in physical property.....			
Miscellaneous appropriations of income.....			
Miscellaneous additions to surplus.....		\$60,989 21	1,185 86
Miscellaneous deductions from surplus.....			
Surplus December 31, 1919.....	50,535 65	\$68,777 61	\$666 89
Deficit December 31, 1919.....		\$12,918 73	18,488 90
Surplus December 31, 1920.....	52,529 06	56,068 75	324 71
Deficit December 31, 1920.....		18,206 48	37,334 78

# ILove

**Not operating**



Disposition of Net Income.								
Income applied to sinking and other reserve funds.....								
Dividend appropriations of income or surplus.....								
Income appropriated for investment in physical property.....								
Miscellaneous appropriations of income.....								
Miscellaneous additions to surplus.....								
Miscellaneous deductions from surplus.....								
Surplus December 31, 1919.....								
Deficit December 31, 1919.....								
Surplus December 31, 1920.....								
Deficit December 31, 1920.....								

<sup>1</sup>Loss.

<sup>2</sup>Not operating.

<sup>3</sup>Loss assumed by Mountain Copper Company, Ltd.

TABLE NO. 3—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF SMALL STEAM ROADS OPERATING IN CALIFORNIA DURING YEAR ENDING DECEMBER 31, 1928.

	Quincy Railroad Company	Sacramento Valley and Eastern Railway	Santa Maria Valley Railroad Company	San Francisco Belt Railway	Stockton Terminal and Eastern Railroad	Stone Canon Railroad	Ventura County Railway Company	Yuba Railroad Company	Total
<i>Operating Income.</i>									
Railway operating revenue.....	\$25,908 90	\$27,900 24	\$101,133 40	\$19,186 45	\$17,908 33	\$12,774 55	\$43,577 16	\$22,887 80	\$1,495,413 29
Railway operating expenses .....	21,419 11	47,302 09	55,900 35	44,231 41	14,325 21	.....	36,648 09	31,214 33	1,610,136 24
Net revenue from railway operations..									
Railway tax accruals.....	\$4,510 79	\$19,902 45	\$45,203 05	\$26,034 96	\$3,613 61	\$12,774 55	\$6,028 07	\$1,643 98	\$114,724 95
Uncollectible railway revenue.....		7,504 31	5,098 94	.....	943 42	82 80	1,402 84	1,071 48	78,900 77
Railway operating income .....	\$4,510 79	\$27,498 76	\$40,134 11	\$26,034 96	\$2,670 10	\$12,857 35	\$5,437 03	\$871 50	\$193,701 67
Revenue from miscellaneous operations..									288,119 08
Expenses from miscellaneous operations ..									216,789 97
Net revenue from miscellaneous opera- tions.....									\$71,329 11
Taxes on miscellaneous operating property..									3,565 19
Miscellaneous operating income.....									\$67,763 92
Total operating income.....	\$4,510 79	\$27,498 76	\$40,134 11	\$26,034 96	\$2,670 19	\$12,857 35	\$5,437 03	\$871 50	\$125,937 75
<i>Nonoperating Income.</i>									
Hire of freight cars—credit balance.....									\$2,983 20
Rent of equipment.....			\$735 00			\$172 20			7,811 61
Miscellaneous nonoperating income.....		\$36 84	380 61			2 50			26,156 02
Total nonoperating income.....		\$36 84	\$1,115 61			\$174 70			\$33,902 93
Gross income.....	\$4,510 79	27,499 92	41,249 72	\$26,034 96	\$2,670 10	12,853 65	\$5,437 03	\$871 50	\$7,034 82
Gross loss.....	2,909 05	2,120 94	22,520 40		3,371 76	103 56	623 80	18 00	208,147 43
Miscellaneous deductions from gross income.									
Net income.....	\$1,601 74	\$25,378 98	\$18,729 32	\$26,034 96	\$901 34	\$12,750 21	\$4,813 23	\$853 50	\$306,133 26
Net loss.....									
									\$23,108 23
									49,155 19
									5,915 00
									163,236 23
									14,131 10
									728,688 19
									1,066,868 74

TABLE NO. 3—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF LEASED STEAM ROADS OPERATING IN CALIFORNIA DURING YEAR ENDING DECEMBER 31, 1930.

	The Cal- ifornia, Arizona and Santa Fe Railway Company	Central Pacific Railway Company	Inter California Railway Company	Leton and Western Railroad Company <sup>1</sup>	Minier Southern Railway Company <sup>1</sup>	Porterville Northern Railway Company	Richmond Belt Railway	Southern Pacific Railroad Company	South Pacific Coast Railway Company	Total
Gross income from lease of road.....	\$1,994,000 28	\$13,977,494 83	\$94,309 96			\$23,131 83	\$24,520 24	\$10,402,504 87	\$460,000 00	\$32,066,557 31
Other Income.										
Miscellaneous rent income.....							\$40 35			\$40 35
Miscellaneous nonoperating physical property.....		\$114,539 27						\$63 83		114,593 10
Income from funded securities.....		28,516 22						2,411,528 21	\$11,856 95	2,451,901 38
Income from unfunded securities and accounts.....		1,018 38						3,391 83		4,410 71
Income from sinking and other reserve funds.....	\$3,366 84	259,840 58						126,080 00	4,947 14	394,734 56
Miscellaneous income.....		199,984 84					10,479 87	428 00		210,892 71
Total other income.....	\$3,366 84	\$403,889 79					\$10,529 23	\$2,541,900 87	\$16,804 00	\$3,176,580 81
Gross corporate income.....	\$1,028,053 12	\$14,581,294 32	\$94,309 96			\$23,131 83	\$45,049 46	\$13,944,505 44	\$466,804 00	\$33,945,138 12
Deductions From Gross Income.										
Total deductions.....	\$1,081,808 28	\$3,245,385 27	\$66,478 18			\$20,865 99	\$56,497 61	\$6,576,298 65	\$153,609 28	\$16,200,531 23
Net corporate income.....	\$10,266 84	\$11,336,909 05	\$17,731 71			\$12,276 84	\$11,448 15	\$12,368,206 79	\$303,174 81	\$19,083,764 94
Net corporate loss.....										11,448 15
Income and surplus applied to sinking and other reserve funds.....	10,366 84	457,403 41	1,000 00			800 00		219,471 55	234,389 50	919,021 39
Dividends.....		3,397,000 00						9,080,000 00		12,967,020 00
Income for investment in.....										
Income from.....	144 70	27,920 05	5,740 80					52,623 84		96,284 09
Income from.....	144 70	259,904 22	6,740 00					136,378 61	14,106 00	1,076,280 43
Income from.....		85,634 60	37,902 59			363 76		611,800 40	5,509 85	741,356 00
Income from.....		7,633,965 44	341,049 41			87,328 86	206,898 28	40,146,181 72	230,912 26	48,496,308 78
Income from.....		10,731,519 96	230,478 53			66,040 64	264,060 23	42,156,939 94	438,512 53	53,871,331 53

<sup>1</sup>No revenue or expenses. Road leased to Atchison, Topeka and Santa Fe Railway Company.



TABLE NO. 4.

STATEMENT PER MILE OF ROAD OF FREIGHT EARNINGS, PASSENGER EARNINGS, GROSS EARNINGS FROM ALL SOURCES, OPERATING EXPENSES AND INCOME  
OR DEFICIT OF STEAM ROADS OPERATING IN CALIFORNIA DURING YEAR ENDING DECEMBER 31, 1920.

	Amador Central Railroad Company	Amargosa Valley Railroad Company <sup>1</sup>	Artesia and Mad River Railroad Company	The Atchison, Topeka and Santa Fe Railway Company	Bay Point and Clayton Railroad Company	Beckwout and Elk River Railroad Company	California Central Railroad Company	California Shasta and Eastern Railway Company
Average mileage operated during year.....	12.00		11.80	1,406.18	8.16	8.16	7.94	16.30
Freight earnings per mile of road.....	\$4,377.68		\$7,935.37	\$15,993.59	\$5,425.06	\$2,131.43	\$3,177.02	\$407.71
Passenger, mail and express earnings per mile of road.....	948.76		804.12	6,768.21	23.84			
Miscellaneous earnings per mile of road.....	570.10			551.42	74.72			7.55
Gross earnings from all sources per mile of road.....	5,896.54		8,739.49	23,313.22	5,743.42	2,131.43	3,177.02	505.26
Operating expenses per mile of road.....	5,814.86		7,429.74	20,447.70	5,218.76	2,111.40	2,809.24	979.20
Income from operation per mile of road.....	81.66		1,309.75	2,865.63	2,524.67	20.03	367.68	474.13
Deficit from operation per mile of road.....								
<sup>1</sup> Not operating.								

	California Southern Railroad Company	California Western Railroad and Navigation Company	Camino, Pacerville and Lake Tahoe Railroad Company	Cement, Tolamas and Tidewater Railroad Company	Chowchilla Pacific Railway Company	Death Valley Railroad Company	Diamond and Collier Railway
Average mileage operated during year.....	50.00	42.85	8.06	3.52	10.22	20.86	23.90
Freight earnings per mile of road.....	\$4,411.92	\$2,825.44	\$2,619.73	\$24,927.50	\$294.80	\$3,242.02	\$3,631.70
Passenger, mail and express earnings per mile of road.....	944.07	2,106.17		217.32	5.87	252.26	45.86
Miscellaneous earnings per mile of road.....	181.00	526.38	3.22	461.21		90.45	
Gross earnings from all sources per mile of road.....	5,537.89	6,517.99	2,622.95	25,606.03	300.76	5,084.86	2,977.56
Operating expenses per mile of road.....	4,006.10	5,310.73	5,778.49	19,991.90	824.02	4,109.61	2,910.92
Income from operation per mile of road.....	1,478.79	1,207.26	844.46	5,614.13	476.74	1,485.27	38.64
Deficit from operation per mile of road.....							

[illegible]

**Not operating.**

	Kings Lake Shore Railroad Company	Lake Tahoe Railway and Transportation Company	Los Angeles and Salt Lake Railroad Company	McCloud River Railroad Company	Mount Tamalpais and Muir Woods Railway	Mojave Northern Railroad Company	Nevada California Oregon Railway	Nevada County Narrow Gauge Railroad Company
Average mileage operated during year.....	17.40	16.47	369.31	47.03	11.07	5.50	157.35	20.65
Freight earnings per mile of road.....	\$4,417 21	\$546 17	\$12,342 54	\$9,672 48		\$5,263 45	\$1,858 23	\$3,001 98
Passenger, mail and express earnings per mile of road.....		1,566 59 2,417 11	6,660 78 872 47	524 44 159 70	\$11,666 22		676 55 1/2 5 94 1/2	2,484 75 122 59
Miscellaneous earnings per mile of road...	108 30							
Gross earnings from all sources per mile of road.....	4,525 51	4,529 87	19,875 79	10,356 62	11,666 22	5,263 45	2,540 72	5,609 32
Operating expenses per mile of road.....	2,487 21	4,335 56	15,466 38	6,656 31	7,542 02	8,101 64	2,433 01	5,067 73
Income from operation per mile of road...	2,038 30	194 31	4,409 41	3,700 31	4,124 20		107 71	521 59
Deficit from operation per mile of road....						2,838 19		

TABLE NO. 4—Concluded.  
STATEMENT PER MILE OF ROAD OF FREIGHT EARNINGS, PASSENGER EARNINGS, GROSS EARNINGS FROM ALL SOURCES, OPERATING EXPENSES AND INCOME  
OR DEFICIT OF STEAM ROADS OPERATING IN CALIFORNIA DURING YEAR ENDING DECEMBER 31, 1920.

	Northwestern Pacific Railroad Company	Ocean Shore Railroad Company	Pacific Coast Railway Company	Pajaro Valley Consolidated Railroad Company	Quincy Railroad Company	Sacramento Valley and Eastern Railway	San Diego and Arizona Railway Company
Average mileage operated during year.....	537.09	53.63	103.06	40.63	5.20	15.00	156.12
Freight earnings per mile of road.....	\$7,688 84	\$1,076 47	\$1,978 06	\$2,184 63	\$2,546 61	\$1,519 95	\$2,655 59
Passenger, mail and express earnings per mile of road.....	5,919 54	881 27	248 53	667 54	1,913 73	283 48	2,269 62
Miscellaneous earnings per mile of road.....	1,008 55	99 11	31 71	525 75	443 04	106 58	169 24
Gross earnings from all sources per mile of road.....	14,616 93	2,056 85	2,258 30	3,377 92	4,903 38	1,900 01	5,094 45
Operating expenses per mile of road.....	11,921 52	2,986 91	2,044 48	3,645 10	4,048 98	3,193 84	6,483 31
Income from operation per mile of road.....	2,695 41	930 06	213 82	267 18	854 40	1,332 83	1,388 86
Deficit from operation per mile of road.....							

	San Joaquin and Eastern Railroad Company	Santa Maria Valley Railroad Company	Sierra Railway Company of California	South San Francisco Belt Railway	Southern Pacific Company	Stockton Terminal and Eastern Railroad	Stone Canon Railroad
Average mileage operated during year.....	55.91	22.57	76.11	3.08	4,079.78	18.50	21.05
Freight earnings per mile of road.....	\$3,562 50	\$4,441 86	\$5,019 07		\$17,214 90	\$989 66	
Passenger, mail and express earnings per mile of road.....	2,120 78		900 23		10,966 50		
Miscellaneous earnings per mile of road.....	5 64	39 01	58 24		964 17		
Gross earnings from all sources per mile of road.....	5,698 92	4,480 87	5,977 54	\$6,229 36	28,245 57	989 66	
Operating expenses per mile of road.....	5,602 40	2,476 76	4,170 04	6,229 36	23,441 20	774 33	\$606 87
Income from operation per mile of road.....	96 52	2,004 12	1,807 50	14,357 60	4,804 37	195 33	
Deficit from operation per mile of road.....				8,128 24			606 87



TABLE NO 5.

ABSTRACT OF TONS OF REVENUE FREIGHT CARRIED AND REVENUE PASSENGERS CARRIED BY STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

(Number of tons—2000 lbs.—of revenue freight originating on respondent's road within the state and number of tons of revenue freight received from connecting carriers within the state.)

	Amador Central Railroad Company	Amargosa Valley Railroad Company <sup>1</sup>	Arasta and Mad River Railroad Company	The Atchison, Topeka and Santa Fe Railway Company	Bay Point and Clayton Railroad Company <sup>2</sup>	Bucksport and Elk River Railroad Company	California Central Railroad Company	California, Shasta and Eastern Railway Company
Products of agriculture.....	1,370	.....	.....	6,366,040	.....	186	4,558	13
Products of animals.....	.....	.....	.....	1,303,175	.....	.....	.....	20
Products of mines.....	40,006	.....	.....	11,620,214	.....	.....	3,900	2,234
Products of forests.....	6,439	.....	70,078	1,604,936	.....	24,051	765	373
Manufactures.....	19,221	.....	.....	8,783,072	.....	629	63,144	1,037
Miscellaneous commodities.....	404	.....	.....	.....	.....	.....	16,111	112
L. C. L. goods not distributed above.....	3,383	.....	6,998	1,542,480	.....	.....	59	247
Totals.....	70,823	.....	77,076	31,219,917	.....	24,866	88,537	4,036
Revenue passengers carried.....	7,161	.....	33,820	1,767,994	.....	.....	.....	.....
<sup>1</sup> Not operating. <sup>2</sup> No records kept.								
	California Southern Railroad Company	California Western Railroad and Navigation Company	Camino, Placerville and Lake Tahoe Railroad Company	Cement, Tolamas and Tidewater Railroad Company	Chowchilla Pacific Railway Company	Death Valley Railroad Company	Diamond and Caldor Railway	
Products of agriculture.....	13,211	255	129	.....	401	31	247	
Products of animals.....	735	1,209	144	.....	.....	.....	41	
Products of mines.....	9,475	111	1,721	534,918	2,977	97,660	51	
Products of forests.....	4,218	93,488	25,200	181	457	1,304	36,706	
Manufactures.....	9,269	3,937	616	283	.....	8,158	672	
Miscellaneous commodities.....	.....	.....	30	1,227	423	.....	.....	
L. C. L. goods not distributed above.....	3,180	2,476	339	3,014	.....	654	10	
Totals.....	40,088	101,476	28,179	539,622	4,258	107,807	37,727	
Revenue passengers carried.....	20,017	34,585	.....	3,315	.....	2,811	802	

TABLE NO. 5—Continued.

ABSTRACT OF TONS OF REVENUE FREIGHT CARRIED AND REVENUE PASSENGERS CARRIED BY STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

(Number of tons—2000 lbs.—of revenue freight originating on respondent's road within the state and number of tons of revenue freight received from connecting carriers within the state.)

	Hetch Hetchy Railroad <sup>1</sup>	Holton Interurban Railway Company	Howard Terminal Railway <sup>2</sup>	Eureka, Malibu and Southern Railway <sup>3</sup>	Humboldt Northern Railway Company	Indian Valley Railroad Company	Industrial Terminal Railway Company <sup>3</sup>	The Iron Mountain Railway Company <sup>1</sup>
Products of agriculture.....	.....	7,633	.....	.....	40	413	.....	.....
Products of animals.....	.....	9,643	.....	.....	.....	1,258	.....	.....
Products of mines.....	.....	7,169	.....	.....	.....	17,886	.....	.....
Products of forests.....	.....	88	.....	.....	95,860	2,249	.....	.....
Manufactures.....	.....	7,183	.....	.....	60	1,592	.....	.....
Miscellaneous commodities.....	.....	339	.....	.....	.....	.....	.....	.....
L. C. L. goods not distributed above.....	.....	1,547	.....	.....	.....	2,285	.....	.....
Totals.....	.....	33,602	.....	.....	95,960	25,462	.....	.....
Revenue passengers carried.....	.....	.....	.....	.....	.....	22,188	.....	.....

<sup>1</sup>No records kept.<sup>2</sup>Switching company only.<sup>3</sup>Not operating.

	Kings Lake Shore Railroad Company <sup>1</sup>	Lake Tahoe Railway and Transportation Company <sup>1</sup>	Los Angeles and Salt Lake Railroad Company	McCloud River Railroad Company	Mount Tahoe and Muir Woods Railway <sup>1</sup>	Mojave Northern Railroad Company	Nevada- California- Oregon Railway	Nevada County Narrow Gauge Railroad Company
Products of agriculture.....	.....	.....	507,513	1,827	.....	.....	6,103	6,231
Products of animals.....	.....	.....	94,038	2,819	.....	.....	18,528	.....
Products of mines.....	.....	.....	2,831,416	6,432	.....	106,945	2,597	2,610
Products of forests.....	.....	.....	346,145	432,165	.....	.....	6,178	1,537
Manufactures.....	.....	.....	1,015,303	28,308	.....	7,677	4,737	4,843
Miscellaneous commodities.....	.....	.....	71,211	4,727	.....	.....	4,810	6,233
L. C. L. goods not distributed above.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	.....	.....	4,865,626	476,278	.....	113,923	42,883	20,444
Revenue passengers carried.....	.....	.....	1,240,120	25,440	.....	.....	17,035	.....

<sup>1</sup>No records kept.

TABLE NO. 5—Continued.

ABSTRACT OF TONS OF REVENUE FREIGHT CARRIED AND REVENUE PASSENGERS CARRIED BY STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

(Number of tons—2000 lbs.—of revenue freight originating on respondent's road within the state and number of tons of revenue freight received from connecting carriers within the state.)

	Northwestern Pacific Railroad Company	Ocean Shore Railroad Company	Pacific Coast Railway Company	Pajero Valley Consolidated Railroad Company	Quincy Railroad Company	Sacramento Valley and Eastern Railway	San Diego and Arizona Railway Company
Products of agriculture.....	224,480	1,871	48,898	112,938	51	.....	44,527
Products of animals.....	35,935	82	230	97	.....	.....	3,718
Products of mines.....	164,686	1,984	19,014	4,491	989	6,948	108,568
Products of forests.....	720,087	24,199	11,798	78	14,821	945	11,397
Manufactures.....	209,318	10,703	27,588	685	1,997	1,068	49,398
Miscellaneous commodities.....	.....	.....	.....	.....	.....	2,305	.....
L. C. L. goods not distributed above.....	136,863	4,866	11,789	783	1,218	465	6,116
Totals.....	1,579,537	42,985	119,285	119,042	17,536	10,821	223,604
Revenue passengers carried.....	6,890,463	75,274	10,966	207,830	13,533	2,935	586,923

	San Joaquin and Eastern Railroad Company	Santa Maria Valley Railroad Company	Sierra Railway Company of California	South San Francisco Belt Railway <sup>1</sup>	Southern Pacific Company	Stockton Terminal and Eastern Railroad	Stone Canon Railroad <sup>2</sup>
Products of agriculture.....	2,200	105,860	4,759	.....	5,063,477	6,216	.....
Products of animals.....	43	3,129	2,227	.....	743,226	201	.....
Products of mines.....	349	16,382	67,144	.....	7,469,163	10,711	.....
Products of forests.....	14,126	2,153	73,823	.....	6,538,478	426	.....
Manufactures.....	12,253	30,518	28,714	.....	7,996,072	301	.....
Miscellaneous commodities.....	.....	718	.....	.....	.....	868	.....
L. C. L. goods not distributed above.....	7,181	5,190	12,311	.....	1,252,916	.....	.....
Totals.....	36,261	163,941	168,988	.....	29,663,343	18,723	.....
Revenue passengers carried.....	33,008	.....	38,863	.....	42,753,565	.....	.....

<sup>1</sup>Switching company only.  
<sup>2</sup>No revenue. Not operating.

	Sunset Railway Company	Topopah and Tidewater Railroad Company	Troms Railway Company	Ventura County Railway Company	The Western Pacific Railroad Company	Yosemite Valley Railroad Company	Yreka Railroad Company	Total
Products of agriculture.....	13,174	621	157	77,662	266,144	2,411	361	12,891,103
Products of animals.....	3,309	587	.....	.....	61,304	565	115	2,236,129
Products of mines.....	547,354	87,486	12,513	2,401	1,568,936	6,467	664	25,401,762
Products of forests.....	27,693	2,065	655	502	141,961	116,134	1,923	10,454,971
Manufactures.....	59,435	6,181	66,071	825	612,213	5,699	2,499	19,191,771
Miscellaneous commodities.....	.....	.....	.....	334	.....	.....	670	31,368
L. C. L. goods not distributed above.....	16,944	2,426	1,519	.....	49,014	5,124	1,006	3,168,466
Totals.....	717,898	99,360	79,915	81,784	2,699,572	136,400	7,937	73,425,570
Revenue passengers carried.....	8,799	9,310	5,099	26,825	200,410	50,041	13,696	84,168,817



TABLE NO. 8.  
STATEMENT OF CLASSIFICATION OF ALL OWNED OR LEASED EQUIPMENT OF STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR ENDING  
DECEMBER 31, 1920.

	Amador Central Railroad Company	Amargosa Valley Railroad Company <sup>1</sup>	Artesia and Mad River Railroad Company	The Atlantic, Topeka and Santa Fe Railway Company	Bay Point and Clayton Railroad Company	Buckport and Elk River Railroad Company	California Central Railroad Company	California Shasta and Eastern Railway Company
Locomotives .....	2	.....	4	1,015	1	2	1	1
Freight train cars .....	2	.....	211	70,506	1	20	10	1
Passenger train cars .....	2	.....	5	1,573	1	.....	1	.....
Company service equipment .....	5	.....	2	8,929	.....	.....	.....	.....
Total cars .....	9	.....	213	70,037	3	25	11	1

	California Southern Railroad Company	California Western Railroad and Navigation Company	Camino Placerville and Lake Tahoe Railroad Company	Cement, Tolamas and Tidewater Railroad Company	Chowchilla Pacific Railroad Company	Death Valley Railroad Company	Diamond and Collier Railway .....
Locomotives .....	3	5	1	3	3	2	5
Freight train cars .....	13	63	2	11	3	27	100
Passenger train cars .....	1	3	.....	1	.....	1	1
Company service equipment .....	.....	18	.....	.....	.....	.....	2
Total cars .....	14	84	3	12	3	28	108

by	Holton Interurban Railway Company	Howard Terminal Railway	Huacoma, Mallon and Southern Railway Company <sup>1</sup>	Humboldt Northern Railway Company	Indian Valley Railroad Company	Industrial Terminal Railway Company <sup>1</sup>	The Iron Mountains Railway Company
4	4	3	.....	3	2	.....	5
27	3	.....	.....	73	3	.....	28
3	3	.....	.....	.....	2	.....	.....
10	.....	.....	.....	1	1	.....	3
49	10	.....	.....	73	5	.....	41

<sup>1</sup>No equipment.

	Kings Lake Shore Railroad Company	Lake Tahoe Railway and Transportation Company	Los Angeles and Salt Lake Railroad Company	McCloud River Railroad Company	Mount Tamalpais and Muir Woods Railway	Mojave Northern Railroad Company	Nevada- California- Oregon Railway	Nevada County Narrow Gauge Railroad Company
Locomotives.....	1	4	178	12	4	2	12	3
Freight train cars.....		36	5,202	456	1	14	236	68
Passenger train cars.....		8	117	3	31		15	8
Company service equipment.....		1	200	35	2		45	1
Total cars.....		45	5,609	494	34	14	296	77

	Northwestern Pacific Railroad Company	Ocean Shore Railroad Company <sup>1</sup>	Pacific Coast Railway Company	Pajaro Valley Consolidated Railroad Company	Quincy Railroad Company	Sacramento Valley and Eastern Railway	San Diego and Arizona Railway Company
Locomotives.....	70		8	9	1	2	15
Freight train cars.....	1,480		198	262	1	4	257
Passenger train cars.....	241		11	7	2	2	45
Company service equipment.....	266		6				49
Total cars.....	1,986		215	269	3	6	351

<sup>1</sup>No equipment.

TABLE NO. 6—Concluded.  
STATEMENT OF CLASSIFICATION OF ALL OWNED OR LEASED EQUIPMENT OF STEAM ROADS OPERATING IN CALIFORNIA DURING THE YEAR ENDING  
DECEMBER 31, 1920.

	Santa Joaquin and Eastern Railroad Company	Santa Maria Valley Railroad Company	Sierra Railway Company of California	South San Francisco Belt Railway	Southern Pacific Company	Stockton Terminal and Eastern Railroad	Stone Canon Railroad
Locomotives.....	0	2	7	1	1,463	1	1
Freight train cars.....	19	1	49	.....	85,589	2	3
Passenger train cars.....	7	.....	5	.....	1,704	1	1
Company service equipment.....	2	.....	7	.....	3,839	.....	.....
Total cars.....	28	1	61	.....	41,132	3	4

	Sunset Railway Company <sup>1</sup>	Tonopah and Tidewater Railroad Company	Trona Railway Company	Ventura County Railway Company	The Western Pacific Railroad Company	Yosemite Valley Railroad Company	Yreba Railroad Company	Total
Locomotives.....	.....	5	2	1	134	6	2	3,920
Freight train cars.....	.....	30	7	81	5,319	189	2	120,713
Passenger train cars.....	.....	4	1	5	54	5	4	3,883
Company service equipment.....	.....	10	.....	4	238	6	.....	8,780
Total cars.....	.....	44	8	90	5,611	191	6	133,376

<sup>1</sup>No equipment owned. Leased from S. P. Co. and A. T. and S. F. Railway Company.

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## **ELECTRIC RAILWAYS.**

**List of Electric Railways and Their Officials.**

**Tables 1 to 5, Inclusive.**

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**ELECTRIC RAILWAYS.****List of Officers as Reported in Annual Reports Filed With Railroad Commission for Year Ending December 31, 1920.****Angels Flight Railway Company.**

Incorporated November 14, 1912, under the laws of California.

L. J. Christopher, President ;

John Lopzich, Vice President ;

R. M. Moore, Secretary and General Manager.

Business address, 215 West Sixth street, Los Angeles.

**Bakersfield and Kern Electric Railway Company.**

Incorporated March 26, 1900, under the laws of California.

A. C. Balch, President ;

Wm. G. Kerckhoff, Vice President ;

L. M. Farnham, Secretary ;

A. E. Peat, Treasurer ;

A. G. Wishon, General Manager ;

V. R. Mickelberry, General Superintendent, Bakersfield, California.

Business address, Fresno, California.

**California Street Cable Railroad Company.**

Incorporated July 23, 1884, under the laws of California.

J. Henry Meyer, President ;

A. H. Payson, Vice President ;

James W. Harris, Vice President, General Manager and General Superintendent ;

George A. Hare, Secretary.

Business address, California and Hyde streets, San Francisco.

**Castro Point Railway and Terminal Company.**

Incorporated August 26, 1911, under the laws of California.

F. W. Bilger, President ;

Edwin T. Blake, Vice President and General Superintendent ;

G. Kuppe, Secretary and Treasurer.

Business address, 510 Central Bank Building, Oakland.

**Central California Traction Company.**

Incorporated August 7, 1905, under the laws of California.

H. Fleishhacker, President ;

M. Fleishhacker, Vice President ;

G. W. Peltier, Vice President ;

Alden Anderson, Vice President ;

A. N. Baldwin, Secretary and Treasurer ;

F. W. Webster, General Manager, Stockton, California ;

J. J. Hooper, General Superintendent, Stockton, California.

Business address, 9 Main street, San Francisco.

**Fairfax Incline Railroad Company.**

Incorporated July 16, 1913, under the laws of California.

Thomas W. Rivers, President and Treasurer ;

Christopher C. Rivers, Vice President and Secretary ;

H. G. Day, General Superintendent, Fairfax, California.

Business address, 222 Phelan Building, San Francisco.

**Fresno City Railway Company.**

Incorporated September 25, 1901, under the laws of California; operated by Fresno Traction Company.

Wm. F. Herrin, President;

Paul Shoup, Vice President;

H. A. Culloden, Secretary and Auditor;

F. W. Webster, General Manager, Fresno, California.

Business address, Pacific Electric Building, Los Angeles.

**Fresno Interurban Railway Company.**

Incorporated April 4, 1914, under the laws of California.

Thos. M. Paterson, President;

F. O. Cooke, Vice President;

Geo. H. Bradner, Secretary, Treasurer and General Auditor;

W. F. Fuller, General Superintendent, Fresno, California.

Business address, 464 California street, San Francisco.

**Fresno Traction Company.**

Incorporated September 22, 1903, under the laws of California.

Wm. F. Herrin, President;

Paul Shoup, Vice President;

H. A. Culloden, Secretary and Auditor;

F. W. Webster, General Manager, Fresno;

E. A. Devereaux, General Superintendent, Fresno, California.

Business address, Pacific Electric Building, Los Angeles.

**Glendale and Montrose Railway.**

Incorporated April 14, 1909, under the laws of California.

Wm. G. Henshaw, President;

John Treanor, Vice President;

C. L. McFarland, Secretary and Treasurer;

W. M. Mills, General Auditor;

R. M. Wollitz, General Manager;

P. L. Hatch, General Superintendent.

Business address, 109 East Broadway, Glendale, California.

**Humboldt Transit Company.**

Incorporated July 28, 1903, under the laws of California.

Wm. Butterworth, President;

James W. Scott, Vice President;

Horace R. Hudson, Secretary and Treasurer;

J. W. Hale, General Manager, Eureka, California.

Business address, 612 Kohl Building, San Francisco.

**Los Angeles Railway Corporation.**

Incorporated November 7, 1910, under the laws of California.

H. E. Huntington, President;

Howard Huntington, Vice President;

W. E. Dunn, Vice President;

C. A. Henderson, Secretary, Treasurer and Auditor;

G. J. Kuhrts, General Manager;

F. Von Vranken, General Superintendent.

Business address, 733 Pacific Electric Building, Los Angeles.

**Modesto and Empire Traction Company.**

Incorporated October 7, 1911, under the laws of California.

T. K. Beard, President and General Manager;

L. L. Dennett, Secretary;

Wm. H. Murray, Auditor;

W. F. Beard, General Superintendent.

Business address, Modesto, California.

**Monterey and Pacific Grove Railway Company.**

Incorporated June 2, 1893, under the laws of California; name changed from The Monterey and Pacific Grove Street Railway and Electric Power Company.

F. A. Treat, Attorney;  
J. D. Brown, General Manager.

Business address, Monterey, California.

**Nevada County Traction Company.**

Incorporated March 29, 1901, under the laws of California.

R. M. Hotaling, President;  
J. S. Martin, Vice President;  
F. H. Pierson, Secretary;  
L. Volmer, Assistant Secretary;  
C. C. Skewes, General Superintendent, Grass Valley, California.

Business address, 354 Pine street, San Francisco.

**Pacific Electric Railway Company.**

Incorporated September 1, 1911, under the laws of California. Constituent companies: Pacific Electric Railway Company; Los Angeles Pacific Company; Los Angeles Interurban Railway Company; Los Angeles and Redondo Railway Company; San Bernardino Interurban Railway Company; The Riverside and Arlington Railway Company; The San Bernardino Valley Traction Company; Redlands Central Railway Company.

Paul Shoup, President;  
H. B. Titcomb, Vice President;  
H. A. Culloden, Secretary and Auditor;  
F. L. Annable, General Superintendent.

Business address, Pacific Electric Building, Los Angeles.

**Peninsular Railway Company.**

Incorporated June 30, 1909, under the laws of California. Constituent companies: The San Jose Los Gatos Interurban Railway Company; Santa Clara Interurban Railroad Company; Peninsular Railroad Company.

Paul Shoup, President;  
H. A. Culloden, Secretary and Auditor;  
F. E. Chapin, General Manager, San Jose, California;  
C. F. Edmunds, General Superintendent, San Jose, California.

Business address, Pacific Electric Building, Los Angeles.

**Petaluma and Santa Rosa Railroad Company.**

Incorporated August 23, 1918, under the laws of California; reorganization of Petaluma and Santa Rosa Railway Company.

Thos. Maclay, President;  
G. P. McNear, Vice President and Treasurer;  
R. W. Wise, Secretary;  
E. H. Maggard, General Manager;  
H. Von Emster, General Auditor.

Business address, Petaluma, California.

**Point Loma Railroad Company.**

Incorporated July 7, 1908, under the laws of California; reorganization of Point Loma Electric Railway Company.

John D. Spreckels, President;  
W. Clayton, Vice President and Managing Director;  
Claus Spreckels, Secretary and Treasurer;  
N. E. Brown, Auditor.

Business address, 218 Union Building, San Diego.

**Pacific Gas and Electric Company—Sacramento Street Railway Department.**

Incorporated October 10, 1905, under the laws of California.

W. E. Creed, President;  
John A. Britton, Vice President and General Manager;  
A. F. Hockenbeamer, Vice President and Comptroller;  
D. H. Foote, Secretary;  
R. R. Reidford, General Auditor.

Business address, 445 Sutter street, San Francisco.



**Sacramento Northern Railroad.**

Incorporated June 20, 1918, under the laws of California. Formed by consolidation of Northern Electric Railway Company; Northern Electric Railway Company, Marysville and Colusa Branch; Sacramento and Woodland Railroad Company, and Sacramento Terminal Company.

G. F. Detrick, President;  
Sidney M. Ehrman, Vice President;  
A. E. Wellington, Secretary;  
J. B. Rowray, General Manager;  
J. R. Parke, Auditor.

Business address, Farmers and Mechanics Bank Building, Sacramento, California.

**San Diego Electric Railway Company.**

Incorporated November 30, 1891, under the laws of California.

John D. Spreckels, President;  
W. Clayton, Vice President and Managing Director;  
Claus Spreckels, Secretary and Treasurer;  
N. E. Brown, Auditor.

Business address, San Diego, California.

**San Francisco, Napa and Calistoga Railway.**

Incorporated November 10, 1911, under the laws of California; purchased San Francisco, Vallejo and Napa Valley Railway Company.

James Irvine, President;  
Guy C. Earl, Vice President;  
John T. York, Vice President;  
T. V. Maxwell, Secretary and Treasurer;  
F. H. Groat, General Auditor;  
C. E. Brown, General Manager and Vice President;  
C. L. Humphreys, Superintendent.

General Manager's address, Napa, California.

Secretary's address, 820 Crocker Building, San Francisco.

**San Francisco-Oakland Terminal Railways.**

Incorporated March 21, 1912, under the laws of California. Constituent companies: Oakland Traction Company; San Francisco, Oakland and San Jose Consolidated Railway; East Shore and Suburban Railway Company; California Railway.

C. O. G. Miller, President;  
W. R. Alberger, Vice President and General Manager;  
F. W. Frost, Secretary and Treasurer;  
B. W. Fernald, Auditor;  
Geo. H. Harris, General Superintendent.

Business address, 2183 Grove street, Oakland.

**San Jose Railroads.**

Incorporated December 23, 1909, under the laws of California.

Wm. F. Herrin, President;  
Paul Shoup, Vice President;  
H. A. Culloden, Secretary and Auditor;  
F. E. Chapin, General Manager, San Jose, California.  
C. F. Edmonds, General Superintendent, San Jose, California.

Business address, Pacific Electric Building, Los Angeles.

**San Francisco-Sacramento Railroad Company.**

Incorporated January 2, 1920, under the laws of California; consolidation of Oakland Antioch Railway; Oakland, Antioch and Eastern Railway, and San Ramon Valley Railroad.

W. Arnstein, President;  
H. A. Mitchell, Vice President and General Manager;  
H. J. Sutherland, Secretary and Auditor;  
S. P. Westington, Treasurer;  
W. T. Richards, Chief Engineer.

Business address, Fortieth street and Shafter avenue, Oakland, California.

**Santa Barbara and Suburban Railway Company.**

Incorporated February 21, 1912, under the laws of California.

W. A. Breckenridge, President;  
C. A. Edwards, Vice President;  
S. M. Kennedy, Vice President;  
L. J. Lee, Secretary;  
W. L. Percey, Treasurer;  
C. P. Staal, General Auditor;  
A. N. Kemp, Comptroller;  
W. E. Erwin, General Superintendent, Santa Barbara, California.  
Business address, Third and Broadway, Los Angeles.

**South San Francisco Railroad and Power Company.**

Incorporated March 9, 1905, under the laws of California.

W. J. Martin, President;  
Wm. N. Abbott, Vice President;  
Geo. B. Willcutt, Secretary;  
A. M. Dahler, Treasurer.  
President's business address, South San Francisco, California.

**Stockton Electric Railroad Company.**

Incorporated December 29, 1891, under the laws of California.

Paul Shoup, President;  
H. A. Culloden, Secretary and Auditor;  
M. S. Wade, Treasurer;  
F. W. Webster, General Manager, Stockton, California.  
J. J. Hooper, General Superintendent, Stockton, California.  
Business address, Pacific Electric Building, Los Angeles.

**Tidewater Southern Railway Company.**

Incorporated March 11, 1912, under the laws of California. Formed by consolidating The Tidewater and Southern Railway Company and The Tidewater Southern Transit Company.

C. M. Levy, President;  
Byron A. Bearce, Vice President;  
A. R. Baldwin, Vice President;  
Chas. Elsey, Secretary and Treasurer;  
R. P. Dunbar, Auditor;  
E. L. Gamble, Manager, Stockton, California.  
Business address, 941 Mills Building, San Francisco.

**Union Traction Company.**

Incorporated October 8, 1904, under the laws of California.

I. Waldo Coleman, President;  
R. M. Hotaling, Vice President;  
L. W. Pryor, Secretary and Treasurer;  
R. L. Cardiff, Manager, Santa Cruz, California.  
Business address, 454 California street, San Francisco.

**United Railroads of San Francisco.**

Incorporated March 4, 1902, under the laws of California. Subsidiary companies: Market Street Railway Company; Metropolitan Railway Company; San Francisco and San Mateo Electric Railway Company; Sutro Railroad Company; Sutter Street Railway Company; San Francisco Electric Railways; Gough Street Railroad Company.

Wm. Von Phul, President and General Manager;  
Geo. B. Willcutt, Vice President and Secretary;  
A. M. Dahler, Treasurer;  
Wm. M. Abbott, General Attorney.  
Business address, 58 Sutter street, San Francisco.

**Visalia Electric Railroad Company.**

Incorporated April 22, 1904, under the laws of California.

Paul Shoup, President;  
H. A. Culloden, Secretary and Auditor;  
M. S. Wade, Treasurer;  
F. W. Webster, General Manager, Exeter, California.  
W. P. Ballard, General Superintendent, Exeter, California.  
Business address, Pacific Electric Building, Los Angeles.

TABLE NO. 1.  
ABSTRACT OF OPERATIVE MILEAGE OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Angels Flight Railway Company	Bakersfield and Kern Elec- tric Railway Company	California Street Cable Railroad Company	Castro Point Railway and Terminal Company	Central California Traction Company	Fairfax Incline Railroad Company	Fresno City Railway Company <sup>1</sup>	Fresno Interurban Railway Company
<i>Line Owned.</i>								
Miles of road.....	.063	5.87	5.50	.31	65.647	.265	7.35	16.
Miles of second track.....		4.64	5.50					
Miles of other main tracks.....					12.47		.79	1.
Miles of sidings and turnouts.....	.013							
Miles of track in carhouses, shops, etc.....								
Totals.....	.076	10.51	11.	.31	78.117	.265	8.14	17.
<i>Line of Proprietary Companies.</i>								
Miles of road.....								
Miles of second track.....								
Miles of other main tracks.....								
Miles of sidings and turnouts.....								
Miles of track in carhouses, shops, etc.....								
Totals.....								
<i>Line Operated Under Lease.</i>								
Miles of road.....								
Miles of second track.....								
Miles of other main tracks.....								
Miles of sidings and turnouts.....								
Miles of track in carhouses, shops, etc.....								
Totals.....								
<i>Line Operated Under Contract.</i>								
Miles of road.....								
Miles of second track.....								
Miles of other main tracks.....								
Miles of sidings and turnouts.....								
Miles of track in carhouses, shops, etc.....								
Totals.....								

<i>Line Operated Under Trackage Rights.</i>					
Miles of road.....					
Miles of second track.....					
Miles of other main tracks.....					
Miles of sidings and turnouts.....					
Miles of track in carhouses, shops, etc.....					
Totals.....					
<i>Line Jointly Operated.</i>					
Miles of road.....					
Miles of second track.....					
Miles of other main tracks.....					
Miles of sidings and turnouts.....					
Miles of track in carhouses, shops, etc.....					
Totals.....					
Total line operated.....	.076	10.51	11.	.31	78.117
					.265
					8.14
					17.

**1Road leased to Fresno Traction Co.**

TABLE NO. 1—Continued.  
ABSTRACT OF OPERATIVE MILEAGE OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Fresno Traction Company	Glendale and Montrose Railway	Humboldt Transit Company	Los Angeles Railway Corporation	Modesto and Empire Traction Company	Monterey and Pacific Grove Railway Company	Nevada County Traction Company	Pacific Electric Railway Company
<i>Line Owned.</i>								
Miles of road.....	20.128	7.57	11.	155.15	5.2	5.5	5.65	565.986
Miles of second track.....	14.071			150.16	.6			287.860
Miles of other main tracks.....								23.274
Miles of sidings and turnouts.....	.869	.83	.27	2.26	1.		.04	114.050
Miles of track in carhouses, shops, etc.....	1.076			14.47			.02	23.219
Totals.....	36.144	8.40	11.27	322.04	6.8	5.5	5.71	1,014.389
<i>Line of Proprietary Companies.</i>								
Miles of road.....								
Miles of second track.....								
Miles of other main tracks.....								
Miles of sidings and turnouts.....								
Miles of track in carhouses, shops, etc.....								
Totals.....								
<i>Line Operated Under Lease.</i>								
Miles of road.....	7.35							26.735
Miles of second track.....								2.741
Miles of other main tracks.....								
Miles of sidings and turnouts.....	.79							27.303
Miles of track in carhouses, shops, etc.....								
Totals.....	8.14							56.779
<i>Line Operated Under Contract.</i>								
Miles of road.....		.72		24.85				
Miles of second track.....				24.84				
Miles of other main tracks.....								
Miles of sidings and turnouts.....				.20				
Miles of track in carhouses, shops, etc.....				6.92				
Totals.....		.72		56.81				

<i>Line Operated Under Trackage Rights.</i>									
Miles of road.....									
Miles of second track.....									
Miles of other main tracks.....									
Miles of sidings and turnouts.....									
Miles of track in carhouses, shops, etc.....									
Totals.....									
<i>Line Jointly Operated.</i>									
Miles of road.....									23.101
Miles of second track.....									5.142
Miles of other main tracks.....									1.483
Miles of sidings and turnouts.....									
Miles of track in carhouses, shops, etc.....									
Totals.....									29.726
Total line operated.....	44.284	9.12	11.27	390.63	6.8	5.5	5.71	1,100.894	

TABLE NO. 1—Continued.  
ABSTRACT OF OPERATIVE MILEAGE OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Peninsular Railway Company	Petaluma and Santa Rosa Railroad Company	Point Loma Railroad Company <sup>1</sup>	Pacific Gas and Electric Company— Sacramento St. Railway Department	Sacramento Northern Railroad	San Diego Electric Railway Company	San Francisco, Napa and Calistoga Railway	San Francisco- Oakland Terminal Railways	San Francisco and Sacramento Railroad Company
<i>Line Owned.</i>									
Miles of road.....	61.710	37.02	8.10	26.15	160.91	39.84	41.659	143.63	97.69
Miles of second track.....	9.134			17.73	7.54	26.28		92.43	.41
Miles of other main tracks.....									
Miles of sidings and turnouts.....	3.910	7.09	.32	.05	39.81	1.10	3.101	5.85	10.41
Miles of track in carhouses, shops, etc.....	1.800			1.21		3.41		19.80	.55
Totals.....	76.554	44.11	8.42	44.14	208.26	70.63	44.760	261.71	109.06
<i>Line of Proprietary Companies.</i>									
Miles of road.....	1.619								
Miles of second track.....	.570								
Miles of other main tracks.....									
Miles of sidings and turnouts.....	.265								
Miles of track in carhouses, shops, etc.....									
Totals.....	2.454								
<i>Line Operated Under Lease.</i>									
Miles of road.....								.06	
Miles of second track.....								.06	
Miles of other main tracks.....									
Miles of sidings and turnouts.....									
Miles of track in carhouses, shops, etc.....									
Totals.....								.12	
<i>Line Operated Under Contract.</i>									
Miles of road.....					1.38		.735	.35	
Miles of second track.....									
Miles of other main tracks.....									
Miles of sidings and turnouts.....					.84		1.105	.18	
Miles of track in carhouses, shops, etc.....								.23	
Totals.....					2.22		1.840	.76	

<i>Lines Operated Under Trackage Rights.</i>									
Miles of road.....	1.148					19.14	1.123	.33	4.89
Miles of second track.....						.17			4.89
Miles of other main tracks.....									
Miles of sidings and turnouts.....	.472					.75	.701		
Miles of track in carhouses, shops, etc.....									
Totals.....	1.620					20.06	1.824	.33	9.78
<i>Lines Jointly Operated.</i>									
Miles of road.....									
Miles of second track.....									
Miles of other main tracks.....									
Miles of sidings and turnouts.....									
Miles of track in carhouses, shops, etc.....									
Totals.....									
Total line operated.....	80.628	44.11	8.42	44.14	215.73	90.09	48.424	262.92	118.84

<sup>1</sup>Leased to San Diego Electric Railway Company.



TABLE NO. 1—Concluded.  
ABSTRACT OF OPERATIVE MILEAGE OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Jose Railroads	Santa Barbara and Suburban Railway Company	South San Francisco Railroad and Power Company	Stockton Electric Railroad Company	Tidewater Southern Railway Company	Union Traction Company	United Railroads of San Francisco	Visalia Electr Railroad Company	Total
<i>Line Owned.</i>									
Miles of road.....	23.18	7.05	2.758	9.469	61.40	11.71	135.181	46.820	1,790.466
Miles of second track.....	11.75	1.17	.501	9.405		2.05	112.218		753.449
Miles of other main tracks.....									23.274
Miles of sidings and turnouts.....	.95	.67	.208	.180	12.19	.52	9.428	.7 038	236.477
Miles of track in carhouses, shops, etc.....	.61	.10		.469		.39	13.072	.372	80.568
Totals.....	36.49	8.99	3.557	19.493	73.59	14.67	269.899	54.230	2,884.224
<i>Line of Proprietary Companies.</i>									
Miles of road.....									1.619
Miles of second track.....									.570
Miles of other main tracks.....									
Miles of sidings and turnouts.....									.265
Miles of track in carhouses, shops, etc.....									
Totals.....									2.454
<i>Line Operated Under Lease.</i>									
Miles of road.....				3.268	3.80				41.213
Miles of second track.....				2.691					5.492
Miles of other main tracks.....									
Miles of sidings and turnouts.....				.061					28.154
Miles of track in carhouses, shops, etc.....									
Totals.....				6.020	3.80				74.859
<i>Line Operated Under Contract.</i>									
Miles of road.....							9.680		37.715
Miles of second track.....							7.492		32.332
Miles of other main tracks.....									
Miles of sidings and turnouts.....							.418		2.743
Miles of track in carhouses, shops, etc.....									7.180
Totals.....							17.590		79.940

<i>Line Operated Under Trackage Rights.</i>									
Miles of road.....								10.750	37.381
Miles of second track.....									5.080
Miles of other main tracks.....									
Miles of sidings and turnouts.....								5.890	7.813
Miles of track in carhouses, shops, etc.....									
Totals.....								16.640	50.254
<i>Line Jointly Operated.</i>									
Miles of road.....	1.40								33.906
Miles of second track.....							.095		12.692
Miles of other main tracks.....									
Miles of sidings and turnouts.....							.448		2.101
Miles of track in carhouses, shops, etc.....									
Totals.....	1.40						.543		48.699
Total line operated.....	37.89	8.99	3.557	25.513	77.39	14.67	288.032	70.870	3,140.440

ABSTRACT OF GENERAL BALANCE SHEET ACCOUNTS OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

TABLE NO. 2.

	Angels Flight Railway Company	Bakersfield and Kern Electric Railway Company	California Street Cable Railroad Company	Castro Point Railway and Terminal Company	Central California Traction Company	Fairfax Incline Railroad Company	Fresno City Railway Company	Fresno Interurban Railway Company
<i>Assets.</i>								
.....	\$31,633 96	\$241,177 79	\$1,039,936 76	\$71,031 55	\$4,100,645 94	\$11,922 15	\$204,573 76	\$219,712 57
.....		2,923 49					243 33	1,232 70
.....			67,414 05		38,525 00			
.....			293,499 46					20,000 00
.....			23,141 84	194 30	147,757 51		910 00	58,956 28
.....	34,312 36	1,132 67			9,150 00			21,310 00
.....		335 35			43,857 53			258 48
.....		9,512 03			19,418 23			718 89
.....		6,095 72						
.....			400,000 00		19,930 79			25,554 35
.....					1,409,424 98			21,930 00
.....					191,722 84	240 56	23,557 50	59,532 78
Totals.....	\$118,001 32	\$261,179 05	\$2,455,892 50	\$71,318 85	\$5,980,463 02	\$11,922 71	\$719,303 56	\$418,266 06
<i>Liabilities.</i>								
Capital stock.....	\$25,000 00	\$250,000 00	\$1,000,000 00	\$11,000 00	\$3,720,800 00	\$10,000 00	\$500,000 00	\$35,000 00
Premium on capital stock.....	53,000 00				130,925 00		50,000 00	
Funded debt.....		75,000 00	223,000 00		1,490,000 00		35,000 00	149,300 00
Loans and notes payable.....					364,214 33	1,922 71	5,594 99	34,197 54
Miscellaneous accounts payable.....		261,963 80	14,802 47	49,968 35	141,126 09			123,703 70
Current liabilities.....					47,559 75		1,060 00	53,189 61
Other current liabilities.....					13 50			
Deferred liabilities.....								
Unadjusted credits.....	17,420 00	177,701 36	305,144 37		185,824 41		20,234 37	23,806 20
Reserves.....		52,922 49	167,011 87				107,334 33	
Corporate surplus.....	22,561 32	43,561 40	755,933 79	19,917 50				
Totals.....	\$118,001 32	\$261,179 05	\$2,455,892 50	\$71,318 85	\$5,980,463 02	\$11,922 71	\$719,303 56	\$418,266 06

Assessment.

TABLE NO. 2—Continued.  
ABSTRACT OF GENERAL BALANCE SHEET ACCOUNTS OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Fresno Traction Company	Glendale and Montrose Railway	Humboldt Transit Company	Los Angeles Railway Corporation	Modesto and Empire Traction Company	Monterey and Pacific Grove Railway Company	Nevada County Traction Company	Pacific Electric Railway Company
<i>Assets.</i>								
Road and equipment.....	\$6,203,635 64	\$397,890 39	\$233,676 10	\$45,222,058 47	\$14,329 06	\$612,833 40	\$154,225 00	\$85,164,557 64
Sinking funds.....			47 77	32,049 79				6,212 63
Deposits in lieu of mortgage property sold.....								138,794 02
Miscellaneous physical property.....			54,313 60					92,391 14
Investments.....	653 06			10,000 00				7,682,508 31
Cash and deposits.....	4,261 25	129 18	5,955 26	58,497 43	1,146 05	601 23	2,384 11	853,414 91
Loans and notes receivable.....	23,903 78			653,297 57	460 00			4,683 83
Miscellaneous accounts receivable.....	6,957 64	277 03		176,588 20	32,606 53	304 23		815,062 16
Other working assets.....	41,973 86	2,510 25	3,643 46	948,283 23		945 92		2,287,834 49
Deferred assets.....	1,047 24			2,023 15				101,251 35
Unadjusted debits.....		2,023 08		20,880 78	385 00	2,733 61	451 53	236,761 42
Discount on securities and expenses.....	70,493 23		406,473 54					9,322,688 94
Corporate deficit.....	528,240 95	71,238 91	103,840 50	975,013 65	61,142 10	126,906 27	13,126 78	12,873,855 29
Totals.....	\$6,971,166 64	\$373,905 48	\$807,950 22	\$48,098,692 27	\$110,098 73	\$744,323 65	\$170,187 42	\$119,580,006 13
<i>Liabilities.</i>								
Capital stock.....	\$5,000,000 00	\$25,000 00	\$500,000 00	\$20,000,000 00	\$5,000 00	\$300,000 00	\$100,000 00	\$34,000,000 00
Premium on capital stock.....								
Funded debt.....	682,000 00	25,000 00	172,000 00	18,571,000 00	47,010 79	270,000 00	59,800 00	57,414,000 00
Loans and notes payable.....	1,027,910 64	283,976 34	64,900 42	1,577,981 17		30,420 00		12,910,127 52
Miscellaneous accounts payable.....	22,137 09	1,421 24	5,948 83	538,852 44	19,698 93	20,522 51	100 00	1,312,672 22
Current liabilities.....	101,425 00		19,308 90	1,307,166 67	14,088 26	119,759 46		5,108,939 91
Other current liabilities.....			6,880 00	977,576 96	15,162 03			
Deferred liabilities.....	7,845 96			8,394 25				
Unadjusted credits.....	57,474 08	38,507 90	4,156 21	3,287,837 49	9,048 72	3,631 68	10,087 42	50,408 38
Reserves.....	72,373 87		34,756 86	1,829,883 29			200 00	8,211,259 57
Corporate surplus.....								572,598 53
Totals.....	\$6,971,166 64	\$373,905 48	\$807,950 22	\$48,098,692 27	\$110,098 73	\$744,323 65	\$170,187 42	\$119,580,006 13

<sup>1</sup>Credit item.

## REPORT OF CALIFORNIA RAILROAD COMMISSION.

TABLE NO. 2—Continued.  
ABSTRACT OF GENERAL BALANCE SHEET ACCOUNTS OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Petaluma and Santa Rosa Railroad Company	Point Loma Railroad Company	Pacific Gas and Electric Company— Sacramento Street Railway Department <sup>1</sup>	Sacramento Northern Railroad	San Diego Electric Railway Company	San Francisco, Naples and Coltsfoot Railway	San Francisco- Oakland Terminal Railways	San Francisco and Sacramento Railroad Company
Assets								
Capital stock	\$1,870,000 00	\$100,079 00		\$0,000 00	\$3,018,456 33	\$2,000,114 34	\$46,248,018 93	\$0,018,108 95
Premium on capital stock	25,000 00			516 00		2,801 35	207,277 35	
Funded debt	77,309 98	549 20		208,166 67	18,128 72		1,000,000 00	41,032,218 32
Loans and notes payable				311,872 39	1,000,000 00	8,000 00	1,000,000 00	453,774 17
Miscellaneous accounts payable				263,670 54	237,209 97	84,908 00	5,458,313 06	41,038 32
Current liabilities	127,810 70	633 33		127 42		60,000 00	500 00	6,560 00
Other current liabilities	21,275 93			123,436 54	86,848 23	16,146 87	130,923 70	61,560 03
Deferred liabilities	27,841 12	3,939 90		167,351 16	183,673 65	40,436 72	508,364 40	182,062 91
Unadjusted credits	3,518 68				28,471 28		130,100 03	
Reserves	8,145 27	18,157 20		99,870 44	7,487 76	28,708 53	357,697 40	9,003 03
Corporate surplus		146,002 77		828,974 26	1,000,597 23		1,334,417 67	76,992 24
Totals	\$1,870,000 00	\$370,382 59		\$12,121,457 22	\$7,894,742 67	\$2,267,099 81	\$56,209,844 46	\$8,734,227 67
Liabilities								
Capital stock	\$944,300 00	\$66,000 00		\$4,487,852 85	\$1,250,000 00	\$731,700 00	\$28,176,000 00	\$7,454,305 81
Premium on capital stock						536,585 00		
Funded debt	698,400 00	130,000 00		5,225,409 17	3,724,000 00	1,146,100 00	18,826,882 64	840,000 00
Loans and notes payable		24,800 00					3,819,170 92	
Miscellaneous accounts payable	33,300 05	555 06		174,426 04	109,707 14	29,855 01	604,254 51	140,571 39
Current liabilities	13,802 80	83,850 00			405,500 00	50,163 75	3,368,077 32	23,189 84
Other current liabilities	24,910 00							
Deferred liabilities	2,747 98				28,636 28		36,876 88	3,760 00
Unadjusted credits	28,322 32	64,476 93		2,233,740 16	1,745,809 25	104,330 35	1,257,783 19	211,082 26
Reserves	52,171 63				571,000 00	66,801 39		42,000 00
Corporate surplus	72,689 92					102,963 75		18,368 47
Totals	\$1,870,000 00	\$370,382 59		\$12,121,457 22	\$7,894,742 67	\$2,267,099 81	\$56,209,844 46	\$8,734,227 67

<sup>1</sup>For balance sheet see electric table.<sup>2</sup>Includes \$7,254.00 stock liability for conversion.<sup>3</sup>Amusement.<sup>4</sup>Includes \$994,935 28 acquisition of right of way, preliminary work, etc.

TABLE NO. 2—Concluded.  
ABSTRACT OF GENERAL BALANCE SHEET ACCOUNTS OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	San Jose Railroads	Santa Barbara and Suburban Railway Company	South San Francisco Railroad and Power Company	Stockton Electric Railroad Company	Tidewater Southern Railway Company	Union Traction Company	United Rail- roads of San Francisco	Visalia Electric Railroad Company	Total
<i>Assets.</i>									
Road and equipment.....	\$7,977,018 30	\$1,118,627 76	\$99,863 49	\$848,642 48	\$2,134,233 67	\$1,402,206 09	\$80,301,784 20	\$1,492,509 43	\$327,425,635 96
Sinking funds.....	1,400 16	720 00			80 25	2,880 00	2,060,129 89		2,316,784 00
Deposits in lieu of mortgage property sold..					845 95		27,400 00		200,014 56
Miscellaneous physical property.....		5,387 76		40,271 47	35,839 53		643,953 95	33 00	3,265,975 86
Investments.....	14,950 00			25,179 21			1,933,276 14	350 00	16,129,761 79
Cash and deposits.....	25,988 32	23,413 80	607 25	22,868 22	140,592 43	7,266 33	2,500 00	35,750 04	4,337,472 23
Loans and notes receivable.....							780,202 03	2,009 70	760,668 52
Miscellaneous accounts receivable.....	10,471 23	798 33	57 39	12,238 83	24,066 46	116 48	641,701 48	11,708 02	2,333,180 18
Other working assets.....	4,323 37	19,268 71		57,063 32	192,738 42	6,516 82		25,479 18	5,539,334 29
Deferred assets.....	205 03			150 00	203,514 60			100 00	470,634 36
Unadjusted debits.....	101 00	5,566 13			3,105 21	293 32	49,851 42	35,696 70	927,934 86
Discount on securities and expenses.....	85,426 20				60,341 90		446,033 71		13,633,920 06
Corporate deficit.....	1,113,824 99	208,309 04			160,516 51	182,849 53	9,730,042 61	1,250,757 69	33,438,148 01
Totals.....	\$9,233,717 60	\$1,382,086 53	\$100,528 13	\$1,006,413 53	\$2,955,874 93	\$1,602,127 57	\$96,566,935 43	\$2,854,392 76	\$410,779,485 30
<i>Liabilities.</i>									
Capital stock.....	\$5,000,000 00	\$500,000 00	\$13,500 00	\$500,000 00	\$1,795,703 00	\$750,000 00	\$42,948,000 00	\$70,000 00	\$172,170,721 46
Premium on capital stock.....					134,488 65				204,998 65
Funded debt.....	2,423,000 00	399,000 00			402,000 00	631,000 00	36,011,000 00		150,169,902 60
Loans and notes payable.....	978,960 47	388,723 11	15,000 00	48,225 76	225,068 51		2,730,120 00	2,701,081 76	32,635,083 14
Miscellaneous accounts payable.....	26,195 16	9,447 11	9,057 06	22,182 47	126,632 27	11,587 36	250,507 64	17,147 70	4,175,784 36
Current liabilities.....	483,148 75	54,448 32		2,126 88	24,323 31	155,120 86	6,293,660 94		17,830,430 87
Other current liabilities.....						1,300 00			1,025,842 49
Deferred liabilities.....				10,664 86	283,561 80		56,067 30	1,799 10	490,571 79
Unadjusted credits.....	54,811 86	30,467 99	25,594 22	39,957 61	9,984 92	53,119 35	1,580,459 91	60,959 74	20,059,229 05
Reserves.....	267,601 36			66,052 03	54,092 47		6,696,519 64	3,404 46	10,635,623 97
Corporate surplus.....			37,376 85	317,203 92					1,381,296 92
Totals.....	\$9,233,717 60	\$1,382,086 53	\$100,528 13	\$1,006,413 53	\$2,955,874 93	\$1,602,127 57	\$96,566,935 43	\$2,854,392 76	\$410,779,485 30

<sup>1</sup>Assessment.

TABLE NO. 1.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930

	Angels Flight Railway Company	Bakersfield and Kern Electric Railway Company	California Street Cable Railroad Company	Castro Point Railway and Terminal Company <sup>1</sup>	Central California Traction Company	Fairfax Incline Railroad Company	Fremont City Railway Company <sup>1</sup>	Fremont Interurban Railway Company
Operating revenues.....	\$31,957 40	\$133,925 86	\$547,861 30	.....	\$954,267 36	\$2,085 95	.....	\$47,290 41
Operating expenses.....	16,938 91	104,361 28	394,417 81	.....	496,480 51	2,215 83	.....	42,532 40
Net operating revenue.....	\$16,018 49	\$29,564 58	\$153,443 48	.....	\$157,786 85	.....	.....	\$4,958 01
Net operating loss.....	.....	.....	.....	.....	.....	\$129 96	.....	.....
Net auxiliary operations.....	.....	.....	.....	.....	.....	.....	.....	.....
Nonoperating income.....	15 07	2,261 82	18,286 01	\$992 50	15,151 29	.....	.....	1,106 28
Gross income.....	\$16,033 56	\$31,826 40	\$171,729 50	\$992 50	\$172,938 14	.....	\$15,542 96	\$5,104 39
Gross loss.....	.....	.....	.....	.....	.....	\$129 96	.....	.....
Deductions.								
Taxes.....	\$2,729 09	\$8,197 72	\$42,573 75	.....	\$61,943 41	.....	.....	\$2,492 55
Rents.....	.....	.....	.....	.....	.....	.....	.....	169 00
Interest on funded debt.....	.....	6,066 24	15,180 00	.....	32,809 92	.....	\$3,963 54	8,958 00
Interest on unfunded debt.....	.....	.....	.....	.....	24,437 10	.....	.....	2,214 60
Amortization of discount on funded debt.....	.....	.....	.....	.....	16,752 72	.....	.....	.....
Miscellaneous.....	.....	.....	.....	.....	1,564 59	.....	121 75	.....
Total deductions.....	\$2,729 09	\$14,263 96	\$57,753 75	\$992 50	\$137,497 74	.....	\$4,074 29	\$12,855 16
.....	13,304 47	17,562 44	113,975 75	.....	35,440 40	.....	11,468 67	.....
.....	.....	.....	.....	9,925 00	.....	\$129 96	.....	7,720 77
.....	11,276 86	30,977 32	770,723 04	.....	226,748 81	110 58	27,166 63	51,569 17
.....	.....	.....	.....	.....	35 62	.....	.....	.....
.....	2,000 00	.....	72,000 00	.....	.....	.....	.....	.....
.....	.....	4,978 36	56,765 00	.....	1,450 06	.....	7,869 54	212 84
.....	22,861 32	43,561 40	755,933 79	10,917 50	191,722 84	.....	23,557 50	58,522 78
.....	.....	.....	.....	.....	.....	240 56	.....	.....

<sup>1</sup>Road leased.

TABLE NO. 3—Continued.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Fresno Traction Company	Glendale and Montrose Railway	Humboldt Transit Company	Los Angeles Railway Corporation	Modesto and Empire Traction Company	Monterey and Pacific Grove Railway Company	Nevada County Traction Company	Pacific Electric Railway Company
Operating revenues.....	\$298,261 67	\$23,379 67	\$95,019 62	\$9,032,292 54	\$81,504 28	\$39,892 77	\$25,902 85	\$15,346,345 07
Operating expenses.....	330,809 49	32,155 98	87,584 53	7,246,683 34	67,009 67	43,529 08	23,864 27	11,982,545 62
Net operating revenue.....			\$7,435 09	\$1,785,609 20	\$14,494 61		\$2,038 58	\$3,363,800 05
Net operating loss.....	\$31,547 82	\$8,776 31				\$3,636 31		
Net auxiliary operations.....					119 28			
Nonoperating income.....	11,988 45	339 50	4,387 43	102,859 01			22 47	91,431 88
Gross income.....			\$11,822 52	\$1,888,468 21	\$14,613 89		\$2,061 05	\$3,455,231 93
Gross loss.....	\$19,559 37	\$8,436 81				\$3,636 31		
<i>Deductions.</i>								
Taxes.....	\$18,512 83	\$952 48	\$8,475 35	\$396,000 00	\$4,014 83	\$2,718 61	\$1,866 47	\$649,388 89
Rents.....	17,015 00	480 00		294,065 83	6,000 00			136,414 77
Interest on funded debt.....	93,189 70		8,600 00	992,600 00		16,200 00	3,000 00	3,727,251 01
Interest on unfunded debt.....	39 08		3,931 15	30,282 95	4,368 81	2,039 40		4,364 48
Amortization of discount on funded debt.....	2,999 76							84,994 21
Miscellaneous.....	461 50	110 00	3,736 30					10,863 48
Total deductions.....	\$132,217 87	\$1,422 48	\$24,742 80	\$1,712,948 78	\$14,383 64	\$20,958 01	\$4,866 47	\$4,613,276 84
Net income.....				175,519 43	230 25			
Net deficit.....	151,777 24	9,859 29	12,920 28			24,594 32	2,805 42	1,158,044 91
Surplus at beginning of year.....								
Deficit at beginning of year.....	355,276 94	61,320 27	90,920 22	937,845 37	48,742 69	100,847 73	10,321 36	11,538,992 57
Miscellaneous additions to surplus.....	30,594 50	20 04		12,627 10	1,458 60			249,535 64
Dividends.....								
Miscellaneous deductions from surplus.....	51,781 27	74 39		225,314 81	14,088 26	1,463 23		426,353 45
Surplus at end of year.....								
Deficit at end of year.....	528,240 95	71,233 91	103,840 50	975,013 65	61,142 10	126,905 27	13,126 78	12,873,855 29

<sup>1</sup>Credit item.



## REPORT OF CALIFORNIA RAILROAD COMMISSION.

TABLE NO. 3—Continued.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Peninsular Railway Company	Petaluma and Santa Rosa Railroad Company	Point Loma Railroad Company <sup>1</sup>	Pacific Gas and Electric Company— Sacramento Street Railway Department	Sacramento Northern Railroad	San Diego Electric Railway Company	San Francisco, Napa and Calistoga Railway	San Francisco- Oakland Terminal Railways	San Francisco and Sacramento Railroad Company <sup>4</sup>
Operating revenues.....	\$354,416 90	\$454,363 49	.....	\$753,027 69	\$1,648,017 02	\$1,379,031 84	\$345,812 53	\$6,704,001 46	\$1,309,621 95
Operating expenses.....	358,752 21	334,279 68	.....	690,998 80	1,450,681 60	1,148,577 31	194,791 08	5,430,283 19	973,634 04
Net operating revenue.....	.....	\$120,083 81	.....	\$62,028 89	\$197,335 42	\$230,454 53	\$151,021 45	\$1,273,718 27	\$335,987 91
Net operating loss.....	\$4,335 31	.....	.....	.....	.....	.....	.....	.....	.....
Net auxiliary operations.....	.....	2,492 52	.....	.....	14,680 60	.....	.....	105,109 63	.....
Nonoperating income.....	34,048 10	2,492 42	\$22,921 46	.....	32,414 49	15,520 33	5,061 75	20,859 13	25,715 18
Gross income.....	\$29,712 79	\$120,083 71	\$22,921 46	\$62,028 89	\$244,430 51	\$245,974 86	\$156,083 20	\$1,390,687 03	\$361,703 09
Gross loss.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Deductions.</i>									
Taxes.....	\$18,786 35	\$20,024 19	.....	\$46,066 10	\$73,571 04	\$84,077 73	\$28,355 30	\$337,986 81	\$82,042 33
Rents.....	3,246 77	.....	.....	.....	.....	22,914 14	.....	3,995 91	8,165 54
Interest on funded debt.....	331,088 73	38,412 00	\$7,800 00	96,932 57	140,126 08	186,200 00	63,110 99	784,320 04	59,147 10
Interest on unfunded debt.....	142 16	.....	1,774 12	.....	1,611 52	.....	.....	326,684 22	6,382 18
Amortisation of discount on funded debt.....	.....	.....	1,472 04	6,038 79	50,240 88	14,322 60	.....	.....	8,342 15
Miscellaneous.....	165 73	1,224 82	9,589 29	.....	1,047 33	.....	1,839 32	13,263 37	180 09
Total deductions.....	\$353,429 74	\$59,061 01	\$20,635 45	\$149,037 46	\$266,596 85	\$307,514 47	\$93,305 61	\$1,466,250 35	\$164,259 39
Net income.....	.....	60,422 70	2,286 01	87,008 57	22,166 34	61,539 61	62,777 59	.....	197,443 70
Net deficit.....	323,716 95	58,005 73	.....	.....	.....	.....	55,134 20	66,563 32	.....
Surplus at beginning of year.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Deficit at beginning of year.....	1,985,113 58	.....	134,128 79	.....	.....	2,028,329 21	.....	1,133,090 91	.....
Miscellaneous additions to surplus.....	42 21	.....	59 75	\$67,008 57	27,674 44	290,999 40	5,799 17	46,541 81	.....
Dividends.....	.....	18,128 00	.....	.....	.....	.....	.....	.....	.....
Miscellaneous deductions from surplus.....	.....	27,615 50	15,119 74	.....	5,508 10	161,727 81	21,047 21	181,305 25	.....
Surplus at end of year.....	12,739 52	72,689 92	.....	.....	.....	.....	102,663 75	.....	97,658 22
Deficit at end of year.....	2,321,527 84	.....	146,902 77	.....	.....	1,900,597 23	.....	1,334,417 67	18,368 47

<sup>1</sup>Road leased.<sup>2</sup>Loss.<sup>3</sup>Transferred to electric table.<sup>4</sup>Includes operations of Oakland, Antioch and Eastern Railway from January 1 to January 27, 1920.<sup>5</sup>Includes \$691.89 loss of Oakland, Antioch and Eastern Railway from January 1 to January 27, 1920, operations of which road are included in San Francisco and Sacramento Railroad Company.

TABLE NO. 3—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Jose Railroads	Santa Barbara and Suburban Railway Company	South San Francisco Railroad and Power Company	Stockton Electric Railroad Company	Tidewater Southern Railway Company	Union Traction Company	United Railroads of San Francisco	Vallejo Electric Railroad Company	Total
Operating revenues.....	\$401,586 53	\$130,341 39	\$45,236 04	\$320,455 66	\$220,493 18	122,349 32	\$9,328,174 42	\$140,613 23	\$49,981,664 90
Operating expenses .....	306,192 84	119,603 28	36,631 03	273,126 92	180,976 23	122,349 41	6,091,891 55	109,039 06	39,261,259 93
Net operating revenue .....	\$96,393 69	\$10,738 11	\$8,415 02	\$49,328 74	\$39,516 96	98,041 09	\$2,636,282 87	\$31,574 18	\$10,720,404 97
Net operating loss .....									117,416 99
Net auxiliary operations .....				3,648 58	11,909 24	943 63	226,478 09	10,809 26	677,336 86
Nonoperating income .....	1,262 44								
Gross income .....	\$97,656 13	\$10,738 11	\$8,415 02	\$51,977 33	\$51,516 10	\$7,797 47	\$2,962,760 96	\$41,853 44	\$11,516,180 63
Gross loss .....									
<i>Deductions.</i>									
Taxes .....	\$21,911 19	\$6,561 89	\$3,224 08	\$20,276 83	\$11,910 00	\$4,857 12	\$351,300 00	\$7,466 26	\$3,518,293 11
Rents .....				8,979 20	3,277 00		232,314 97		736,059 13
Interest on funded debt .....	195,383 44	16,700 01		3,729 21	20,762 61	31,560 00	1,661,788 33	153,199 57	8,096,138 08
Interest on unfunded debt .....	106 64	899 58	1,493 00	39 76	13,084 61		137,336 78	12 21	561,432 34
Amortization of discount on funded debt .....	2,512 80				3,191 64				190,857 59
Miscellaneous .....	728 19	36 23			4,262 05		6,004 18	78 94	55,757 75
Total deductions .....	\$220,641 26	\$24,267 69	\$4,726 00	\$31,024 98	\$46,806 31	\$36,407 12	\$3,589,544 25	\$160,756 98	\$12,759,516 00
Net income .....	122,965 13	13,718 86	3,689 03	20,954 34	4,692 33	44,394 59	273,216 71	118,873 54	1,244,337 18
				362,417 07	138,702 29	139,167 06	7,614,085 07	1,128,916 87	28,876,770 34
Surplus .....	930,179 76	196,294 43		114 49	899 32	512 15	124,497 92	557 75	918,794 57
									179,113 59
Surplus .....	\$4,218 64		3,560 00	66,231 98	17,721 22		2,512,763 17	3,525 03	4,011,071 93
Surplus .....			37,376 85	317,203 83					1,381,296 92
Total .....	\$1,113,824 90	208,308 04			190,516 81	182,849 53	9,730,042 61	1,260,757 69	\$3,438,148 01

TABLE NO. 4

ABSTRACT OF REVENUE PASSENGERS CARRIED, PASSENGER REVENUE, REVENUE AND EXPENSES PER CAR MILE AND CAR HOUR OF CALIFORNIA ELECTRIC RAILWAYS FOR THE YEAR ENDING DECEMBER 31, 1920.

	Angels Flight Railway Company	Bakersfield and Kern Electric Railway Company	California Street Cable Railroad Company	Castro Point Railway and Terminal Company	Central California Traction Company
Total revenue passengers carried.....	1	2,378,127	10,922,100	2	1,432,463
Passenger revenue.....	\$31,915 05	\$118,309 04	\$646,073 80	.....	\$318,243 62
.....	31,915 00	118,309 04	646,073 80	.....	647,044 80
.....	2 38401	30764	30000	.....	57119
.....	41 76	2 82317	2 8077	.....	14 48071
.....	.....	808 53	1,767 80	.....	7,322 56
car mile.....	.....	00210	00128	.....	00457
car hour.....	00811	01931	00919	.....	16141
.....	31,967 40	30674	647,961 30	.....	654,267 36
.....	2 38773	2 84248	2 81888	.....	14 62213
.....	18,938 91	74,462 06	204,417 81	.....	490,480 51
.....	1	19379	28239	.....	43826
.....	1.19089	1.77637	2 02795	.....	11 09677
	Fairfax Incline Railroad Company <sup>1</sup>	Fresno City Railway Company <sup>2</sup>	Fresno Interurban Railway Company	Fresno Traction Company	Glendale and Montrose Railway
Total revenue passengers carried.....	32,085 85	.....	.....	4,940,056	332,436
Passenger revenue.....	2,085 85	.....	.....	\$395,033 27	\$30,264 31
.....	.....	.....	.....	297,817 77	23,229 67
.....	.....	.....	.....	21842	17928
.....	.....	.....	.....	1,443 90	1,63412
.....	.....	.....	.....	00108	180 90
car mile.....	.....	.....	.....	.....	80116
car hour.....	2,085 85	.....	.....	.....	50995
.....	2,316 53	.....	.....	299,201 67	23,379 67
.....	.....	.....	.....	21446	17917
.....	.....	.....	.....	.....	1 84408
.....	.....	.....	.....	.....	32,166 96
.....	.....	.....	.....	.....	24843
.....	.....	.....	.....	.....	2,12903

<sup>1</sup>No record. <sup>2</sup>Excludes bus revenue of \$14,908.27. <sup>3</sup>Road lined. <sup>4</sup>Excludes bus expenses of \$39,999.30.

TABLE NO. 4—Continued.  
 ABSTRACT OF REVENUE PASSENGERS CARRIED, PASSENGER REVENUE, REVENUE AND EXPENSES PER CAR MILE AND CAR HOUR OF CALIFORNIA ELECTRIC RAILWAYS FOR THE YEAR ENDING DECEMBER 31, 1920.

	Humboldt Transit Company	Los Angeles Railway Corporation	Modesto and Empire Traction Company	Monterey and Pacific Grove Railway Company	Nevada County Traction Company	Pacific Electric Railway Company
Total revenue passengers carried	1,626,767	179,227,041		782,736	503,793	84,492,579
Passenger revenue	\$84,327 22	\$8,080,243 36		\$39,111 35	\$26,199 66	\$10,839,804 47
Average fare re	.06798	.04010		.04000	.05	.12817
Total revenue	94,327 22	8,988,061 47	\$89,085 94	39,111 35	26,663 85	14,908,859 06
Revenue from	.16207	29980	3 2156	28400	3516	44306
Revenue from	10277	3 00839	20 4353	1 97922	3 516	
Total revenue	692 40	44,241 07	1,418 34	787 42	240 00	437,496 61
Revenue from	.00133	.00147	.06695	.03567	.03228	.01300
Revenue from	.00075	.01481	36 190	.03954	.0328	
Total operating revenues	95,019 62	9,032,262 54	81,504 28	38,892 77	26,902 85	16,346,345 67
Operating revenues per car mile	.18341	.30127	3 2726	.28976	.3549	.45006
Operating revenues per car hour	.10353	.3 0242	20 7972	2 01876	3 549	
Total operating expenses	87,584 53	7,246,883 34	67,009 67	43,529 08	23,864 27	11,882,545 62
Operating expenses per car mile	.16906	.24171	2 6906	3 1618	3 280	.38610
Operating expenses per car hour	.08542	3 4253	17 0086	2 20777	3 280	

	Pennular Railway Company	Petaluma and Santa Rosa Railroad Company <sup>1</sup>	Point Loma Railroad Company <sup>2</sup>	Pacific Gas and Electric Company Sacramento Street Railway Department	Sacramento Northern Railroad	San Diego Electric Railway Company
Total revenue passengers carried	2,726,387	652,540		16,302,579	2,315,260	20,909,587
Passenger revenue	\$303,436 26	\$108,269 83		\$749,875 94	\$779,672 10	\$1,330,275 54
	11129	16692		04000	33075	06363
	345,071 21	\$272,083 49		750,027 69	1,813,124 86	1,331,411 74
	30038	44301		23366	46481	37151
	9 345 69	2 71420		3 25306		3 47826
car mile	.00614	1,777 14		3,000 00	34,823 46	47,620 10
car hour	334,416 90	.00288		.00096	.00984	.01339
	30852	.01767		.00001		.12441
	348,752 21	\$274,730 63		783,027 69	1,948,017 02	1,379,031 94
	21221	44439		2 26306	46465	36489
		2 73187		690,996 80	1,450,681 60	3 80206
		\$169,785 72		.21526		1,148,377 21
		.27495		3 07573		3 30060
		1 06831				3 00061

<sup>1</sup>Railway operations only. <sup>2</sup>Excludes steam revenue of \$751.02. <sup>3</sup>Excludes steam revenue of \$179,622.86. <sup>4</sup>Excludes steam revenue of \$104,403.96. <sup>5</sup>Road based.



TABLE NO. 8.

STATEMENT OF CLASSIFICATION OF EQUIPMENT OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Angels Flight Railway Company	Bakersfield and Kern Electric Railway Company	California Street Cable Railroad Company	Castro Point Railway and Terminal Company <sup>1</sup>	Central California Traction Company	Fairfax Incline Railroad Company	Fresno City Railway Company <sup>1</sup>	Fresno Interurban Railway Company
Closed passenger cars.....	.....	.....	.....	.....	10	1	.....	.....
Open passenger cars.....	2	.....	.....	.....	.....	.....	.....	.....
Combination closed and open passenger cars.....	.....	13	49	.....	10	.....	.....	.....
Total passenger cars.....	2	13	49	.....	20	1	.....	.....
Freight cars.....	.....	.....	.....	.....	34	.....	.....	.....
Other cars.....	.....	1	.....	.....	7	.....	.....	2
Total equipment.....	2	14	49	.....	61	1	.....	2
<sup>1</sup> None owned.								
	Fresno Traction Company	Glendale and Montrose Railway	Humboldt Transit Company	Los Angeles Railway Corporation	Modesto and Empire Traction Company	Monterey and Pacific Grove Railway	Nevada County Traction Company	Pacific Electric Railway Company
Closed passenger cars.....	9	3	7	2	.....	1	4	141
Open passenger cars.....	4	.....	1	5	.....	.....	.....	9
Combination closed and open passenger cars.....	24	2	7	919	.....	3	.....	563
Total passenger cars.....	37	5	15	926	.....	4	4	713
Freight cars.....	.....	2	.....	.....	2	.....	.....	1,166
Other cars.....	4	2	1	98	2	.....	.....	179
Total equipment.....	41	9	16	1,024	4	4	4	2,063

TABLE NO. 5—Concluded.

STATEMENT OF CLASSIFICATION OF EQUIPMENT OF ELECTRIC RAILWAYS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Peninsular Railway Company	Petaluma and Santa Rosa Railroad Company	Point Loma Railroad Company <sup>1</sup>	Pacific Gas and Electric Company Sacramento Street Railway Department	Sacramento Northern Railroad	San Diego Electric Railway Company	San Francisco, Napa and Calistoga Railway	San Francisco- Oakland Terminal Railways	San Francisco and Sacramento Railroad Company
Closed passenger cars.....	17	10	.....	10	29	25	15	447	38
Open passenger cars.....	22	2	.....	.....	.....	.....	.....	.....	.....
Combination closed and open passenger cars	.....	.....	.....	61	10	104	.....	13	.....
Total passenger cars.....	39	12	.....	71	39	129	15	460	38
Freight cars.....	11	74	.....	.....	321	.....	22	14	76
Other cars.....	7	7	.....	5	34	5	3	76	9
Total equipment.....	57	93	.....	76	394	134	40	550	123
iNone owned.									

	San Jose Railroads	Santa Barbara and Suburban Railway Company	South San Francisco Railroad and Power Company	Stockton Electric Railroad Company	Tidewater Southern Railway Company	Union Traction Company	United Railroads of San Francisco	Visalia Electric Railroad Company	Total
Closed passenger cars.....	8	7	.....	11	.....	1	151	1	948
Open passenger cars.....	.....	.....	.....	.....	.....	4	7	.....	56
Combination closed and open passenger cars	36	3	4	21	.....	14	612	3	2,471
Total passenger cars.....	44	10	4	32	.....	19	770	4	3,475
Freight cars.....	.....	4	.....	.....	1	.....	.....	1	1,728
Other cars.....	6	2	.....	5	6	2	65	5	533
Total equipment.....	50	16	4	37	7	21	835	10	5,736

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**GAS AND ELECTRIC COMPANIES.**

**A—Officers of Companies Whose 1920 Annual Reports Are  
Summarized in This Report.**

**Tables 1 to 5, Inclusive.**

**B—Officers of Companies or Owners of Public Utilities Whose  
1920 Annual Reports Are Not Summarized in This Report.**

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**GAS AND ELECTRIC COMPANIES.****List of Officers as Reported in Annual Reports Filed with the Railroad Commission for Year Ending December 31, 1920.****Alturas Electric Power Company.**

Incorporated May 17, 1909, under the laws of California.

I. W. Gibbons, President and General Manager;

Benj. Laurer, Vice President;

B. F. Lynip, Secretary and Treasurer, Berkeley, California.

Business address, Alturas, California.

**Amador Electric Light and Power Company.**

Incorporated April 12, 1909, under the laws of California, being reorganization of Amador Electric Railway and Light Company.

E. C. Voorheis, President;

W. E. Downs, Vice President;

C. R. Downs, Secretary and General Manager.

Business address, Sutter Creek, California.

**Bay Point Light and Power Company.**

Incorporated March 8, 1911, under the laws of California; reorganization of Bay Point Light and Water Company.

W. S. Van Winkle, President, Treasurer and General Manager;

F. N. Beal, Vice President;

E. N. Van Winkle, Secretary.

Business address, Bay Point, California.

**California Electric Generating Company.**

Incorporated November 23, 1908, under the laws of California.

M. Fleishhacker, President;

Herbert Fleishhacker, Vice President;

Guy C. Earl, Vice President;

H. P. Wilson, Vice President and Secretary;

L. A. Reynolds, Auditor;

H. F. Jackson, General Manager.

Business address, 14 Sansome street, San Francisco.

**California-Oregon Power Company.**

Incorporated December 15, 1911, under the laws of California.

Joseph D. Grant, President;

John D. McKee, Vice President and Treasurer;

Byron H. Hurd, Secretary;

Paul B. McKee, Vice President and General Manager.

Business address, 507 Montgomery street, San Francisco.

**California Telephone and Light Company.**

Incorporated November 23, 1911, under the laws of California. Acquired and operates: Northwestern Telephone and Telegraph Company; Clear Lake Telephone and Telegraph Company; Northwestern Electric Company; Cold Ridge Improvement Company; Healdsburg Telephone Company; Clear Lake Consolidated Telephone and Telegraph Co.; Russian River Light and Power Company; Sonoma Valley Light and Power Company; Cloverdale Light and Power Company.

Leonard Howarth, President;

F. P. Doyle, Vice President;

Leo H. Susman, Vice President;

W. P. Ferguson, Secretary, Treasurer and General Manager;

H. B. Brown, General Superintendent;

A. J. Lyon, Auditor.

Business address, Santa Rosa, California.

**Central Counties Gas Company.**

Purchased Central California Gas Company March 1, 1919.

John Earle Jardine, President ;  
F. W. Hunter, Vice President and General Manager ;  
Robert G. Thomas, Secretary.

Business address, Visalia, California.

**Central Natural Gas Company.**

Incorporated November 4, 1889, under the laws of California.

George Finkbohner, President and General Manager ;  
J. N. Furry, Vice President ;  
Nate E. Carpenter, Secretary.

Business address, 29 North Grant street, Stockton, California.

**Citrus Belt Gas Company.**

Incorporated November 27, 1911, under the laws of California ; reorganization of San Bernardino Valley Gas Company.

H. E. Harris, Vice President ;  
Z. T. Bell, Secretary, Treasurer and General Manager ;

Business address, San Bernardino, California.

**Coast Counties Gas and Electric Company.**

Incorporated March 20, 1912, under the laws of California ; acquired property of Davenport Light and Power Company, November 12, 1912 ; Gilroy Gas Works, February 13, 1913.

S. Waldo Coleman, President ;  
R. M. Hotaling, Vice President ;  
L. W. Pryor, Secretary and Treasurer ;  
R. L. Cardiff, Manager.

Business address, 454 California street, San Francisco.

**Coast Valleys Gas and Electric Company.**

Incorporated March 18, 1912, under the laws of California. At time of organization acquired the property of California Consolidated Light and Power Company, and Salinas Valley Water Company ; and on May 18, 1912, King City Water, Light and Power Company.

M. B. Starring, President ;  
Warren Gregory, Vice President ;  
W. J. Urquart, Secretary ;  
Jas. F. Pollard, Assistant to President ;  
T. W. Snell, General Superintendent.

Business address, Salinas, California.

**Contra Costa Gas Company.**

Incorporated June 30, 1914, under the laws of California.

S. Waldo Coleman, President and General Manager ;  
Louis Glass, Vice President ;  
L. W. Pryor, Secretary and Treasurer.

Business address, 454 California street, San Francisco.

**Del Monte Light and Power Company.**

Incorporated March 13, 1919, under the laws of California.

D. C. Morris, President ;  
Carmel Martin, Vice President ;  
M. B. Starring, Jr., Secretary and Treasurer ;  
Jas. F. Pollard, General Manager ;  
T. W. Snell, General Superintendent.

Business address, Salinas, California.

**Fontana Power Company.**

Incorporated April 3, 1916, under the laws of California.

A. B. Miller, President ;

W. D. Spalding, Secretary ;

Business address, Fontana, California.

**Fowler Gas Company.**

Incorporated November 25, 1913, under the laws of California.

W. S. Ricketts, President ;

Edwin Gower, Vice President ;

C. A. Patton, Secretary and General Manager.

Business address, Fowler, California.

**Fort Bragg Electric Company.**

Incorporated June 7, 1901, under the laws of California.

F. C. White, President and General Manager ;

H. A. Chamberlain, Vice President ;

W. H. Nisbet, Secretary and Auditor ;

W. G. Collins, General Superintendent, Fort Bragg, California.

Business address, 1010 Crocker Bldg., San Francisco.

**Great Western Power Company of California.**

Incorporated November 23, 1915, under the laws of California. Controls through stock ownership, property of California Electric Generating Company. Acquired property of Half Moon Bay Light and Power Company; Great Western Power Company; Western Power Company of California; Golden State Power Company; Eureka Power Company; Peoples Electric Light and Power Company; South Sacramento Power Company; City Electric Company; Martel Power Company; Consolidated Electric Company; United Light and Power Company of New Jersey; United Light and Power Company of California; Consumers Light and Power Company; Equitable Light and Power Company; Southside Light and Power Company; Central Oakland Light and Power Company.

M. Fleishhacker, President ;

Herbert Fleishhacker, Vice President ;

Guy C. Earl, Vice President ;

H. P. Wilson, Vice President and Secretary ;

W. H. Spaulding, Assistant Secretary ;

F. M. Tompkins, Treasurer ;

Chaffee E. Hall, Assistant Secretary ;

L. A. Reynolds, Auditor.

Business address, 14 Sansome street, San Francisco.

**Hanford Gas and Power Company.**

Incorporated December 12, 1902, under the laws of California.

E. E. Bush, President and General Manager ;

A. W. Reynolds, Secretary and General Superintendent ;

F. R. High, Treasurer.

Business address, 116 West Seventh street, Hanford, California.

**Holton Power Company.**

Incorporated October 2, 1903, under the laws of California. Controls through stock ownership: Holton Interurban Railway.

A. B. West, President ;

F. O. Dolson, Vice President and General Superintendent ;

P. R. Ferguson, Auditor ;

J. B. Thieme, Secretary ;

E. B. Criddle, General Agent ;

A. S. Cooper, Treasurer.

Business address, Riverside, California.

**Lassen Electric Company.**

Incorporated January 18, 1911, under the laws of California. Acquired property of Isaac Knoch, successor to J. C. Branham Electric Plant, June 14, 1913.

Willis J. Walker, President ;  
Fletcher L. Walker, Vice President ;  
L. R. Cady, General Manager ;  
B. F. Pray, Secretary, Westwood, California.

Business address, Susanville, California.

**Lompoc Light and Power Company.**

Incorporated October 15, 1906, under the laws of California.

D. F. Hill, President ;  
Wm. Hicks, Vice President ;  
R. M. Moore, Secretary and General Manager ;  
E. A. Vaughan, General Superintendent, Lompoc, California.

Business address, 215 West Sixth street, Los Angeles, California.

**Los Angeles Gas and Electric Corporation.**

Incorporated June 22, 1909, under the laws of California. Acquired property of Los Angeles Gas and Electric Company, August 1, 1909 ; Pasadena Consolidated Gas Company, August 1, 1909 ; Inglewood Gas Company, March 21, 1913 ; Valley Gas and Fuel Company, May 20, 1913 ; California Coke and Gas Company, May 20, 1913. Controls through stock ownership : Los Angeles Lighting Company ; The Los Angeles Electric Company ; Los Angeles Gas and Electric Company.

W. B. Cline, President ;  
Wm. Baurhyte, Vice President and General Manager ;  
C. S. Vance, Vice President ;  
C. A. Luckenbach, Vice President ;  
T. P. McCrea, Secretary ;  
Horace Cline, Treasurer ;  
A. B. Day, General Superintendent.

Business address, 645 South Hill street, Los Angeles.

**Madera Gas Company.**

Incorporated August, 1913, under the laws of California.

Geo. W. Kitchen, President and General Manager ;  
Arthur Nichols, Vice President ;  
Helmer Decker, Secretary ;  
Jas. Wakefield, Treasurer and General Manager.

Business address, Madera, California.

**Mendocino Electric Light and Power Company.**

Incorporated February 29, 1904, under the laws of California. Acquired property of Mendocino Electric Light Company.

A. G. Stone, President ;  
J. S. Ross, Vice President ;  
A. Brown, Secretary and General Manager ;  
J. Grindle, Treasurer.

Business address, Mendocino, California.

**Middle Yuba Hydro Electric Power Company.**

Incorporated June 15, 1909, under the laws of California.

A. D. Foote, President ;  
C. E. Clinch, Vice President ;  
Frank M. Nilon, Secretary.

Business address, Grass Valley, California.

**Midland Counties Public Service Corporation.**

Incorporated November 29, 1900, under the laws of California. Acquired properties of: Midland Counties Gas and Electric Company, March 19, 1912; Paso Robles Light and Water Company, March 19, 1912; Russell Robinson Water and Electric Company, March 19, 1912.

A. C. Balch, President;  
Wm. G. Kerckhoff, Vice President;  
L. M. Farnum, Secretary;  
A. E. Peat, Treasurer;  
A. G. Wishon, General Manager;  
E. A. Quinn, General Superintendent.

Business address, 1801 Tulare street, Fresno, California.

**Midway Gas Company.**

Incorporated November 18, 1911, under the laws of California.

Ferdinand Reis, Jr., President;  
A. C. Balch, Vice President;  
S. Waldo Coleman, Vice President;  
W. S. Pardy, Secretary;  
A. C. Johnston, Auditor;  
A. E. Peat, Treasurer;  
A. B. McBeth, General Manager;  
H. H. McClintock, General Superintendent, Taft, California.

Business address, 805 Garland Building, Los Angeles.

**Modesto Gas Company.**

Incorporated March 20, 1916, under the laws of California; reorganization of Modesto Gas Light, Coal and Coke Company.

Frank A. Cressey, Jr., President and General Manager;  
A. B. Shoemaker, Vice President;  
Josephine Cressey, Secretary and Treasurer.

Business address, 818 Tenth street, Modesto, California.

**Mount Shasta Power Company.**

Incorporated March 16, 1912, under the laws of California. Acquired property of Mount Shasta Power Company; California Power and Manufacturing Company.

W. E. Creed, President;  
John A. Britton, Vice President;  
A. F. Hockenbeamer, Vice President and Comptroller;  
D. H. Foote, Secretary;  
John A. Britton, General Manager;  
R. R. Reidford, Auditor.

Business address, 445 Sutter street, San Francisco.

**Mount Whitney Power and Electric Company.**

Incorporated November 8, 1909, under the laws of California; is successor to and reorganization of Mount Whitney Power Company; sold to Southern California Edison Company, June 30, 1920.

G. C. Ward, President;  
Ben. M. Maddox, Vice President;  
S. Mitchell, Vice President;  
W. R. Spalding, Vice President;  
E. E. Baker, Secretary;  
E. R. Davis, General Manager;  
C. P. Staal, Auditor;  
W. L. Pearcey, Treasurer;  
Fred G. Hamilton, General Superintendent, Visalia, California.

Business address, Third and Broadway, Los Angeles.

**Napa Valley Electric Company.**

Incorporated September 10, 1907, under the laws of California.

D. L. Beard, President;  
F. M. Wyatt, Vice President;  
H. J. Lewelling, Secretary;  
F. W. Mielenz, General Manager.

Business address, St. Helena, California.

**Needles Gas and Electric Company.**

Incorporated November 28, 1911, under the laws of California. Acquired property of Needles Light and Power Company January 23, 1912.

E. H. Rose, President;  
R. S. Masson, Secretary and General Manager;  
J. W. Wadsworth, General Superintendent, Needles, California.

Business address, 1200 Citizens National Bank Building, Los Angeles.

**Novato Utilities Company.**

Incorporated in 1916 under the laws of California; is consolidation of Novato Light and Power Company, May 29, 1917; Novato Rural Telephone Company, May 29, 1917.

J. W. Cain, President;  
A. D. Scott, Vice President;  
A. J. Cain, Secretary and Treasurer.

Business address, Novato, California.

**Oakdale Gas Company.**

Incorporated August 20, 1913, under the laws of California.

M. M. Anderson, President;  
G. W. Anderson, Secretary and Treasurer.

Business address, Oakdale, California.

**Ojai Power Company.**

Incorporated July 22, 1912, under the laws of California. Acquired property of Nordhoff Water Company, January 1, 1913.

John J. Burke, President;  
M. W. Phillips, Vice President and General Manager;  
E. L. Wiest, Secretary and Treasurer.

Business address, Ojai, California.

**Ontario Power Company.**

Incorporated October 29, 1901, under the laws of California.

A. Podrasink, President;  
H. E. Swan, Vice President;  
A. C. Reynolds, Secretary and Treasurer;  
Glenn D. Smith, General Manager.

Business address, Ontario, California.

**Pacific Gas and Electric Company.**

Incorporated October 10, 1905, under the laws of California. Has acquired in fee and operates the following: San Francisco Gas and Electric Company; California Gas and Electric Corporation; California Central Gas and Electric Company; Fresno Gas and Electric Company; Vallejo Gas Company; Suburban Light and Power Company; Mutual Electric Light Company; Metropolitan Light and Power Company; Contra Costa Light and Power Company; Livermore Water and Power Company; Los Gatos Ice, Gas and Electric Company; South San Francisco Light and Power Company; United Water and Power Company; D. C. Gillen; Redwood Manufacturers Company (Black Diamond); Newman Light and Power Company; E. D. N. Lehe; Isaac Hyman, Folsom; Live Oak and Encinal Light and Power Company; Leonard Prior, Suisun and Fairfield; West Sacramento Electric; Oro Electric Corporation; Oro Water, Light and Power Company; Oroville Light and Power Company; Oroville Water Company; Butte and Tehama

Power Company; Sierra Irrigation Company; Mt. Shasta Power Company; Mt. Shasta Power Corporation; Durham Light and Power Company; Northern California Power Company, Consolidated; Sebastopol Light and Power Company. Operates under lease property of Sierra and San Francisco Power Company.

W. E. Creed, President;

John A. Britton, Vice President and General Manager;

A. F. Hockenbeamer, Vice President, Treasurer and Comptroller;

D. H. Foote, Secretary;

R. R. Reidford, Auditor.

Business address, 445 Sutter street, San Francisco.

#### **Pinole Light and Power Company.**

Incorporated September 4, 1903, under the laws of California.

E. M. Downer, President;

L. E. Hart, Secretary;

C. O. Burgin, Auditor;

Geo. Dutra, General Manager.

Business address, Pinole, California.

#### **Plumas Light and Power Company.**

Incorporated October 7, 1909, under the laws of California. Was originally Indian Valley Electric Light and Power Company. Name of corporation changed by consent of court May 7, 1914. No new incorporation.

W. C. McInnis, President;

Thos. W. Forsyth, Vice President;

W. A. Jackson, Secretary and General Manager.

Business address, 604 Mission street, San Francisco.

#### **Producers Gas and Fuel Company.**

Incorporated January 22, 1917, under the laws of California.

Wm. G. Kerckhoff, President;

A. C. Balch, Vice President;

L. M. Farnham, Secretary;

A. E. Peat, Treasurer;

A. B. Macbeth, General Manager.

Business address, 805 Garland Building, Los Angeles.

#### **River Bend Gas and Water Company.**

Incorporated April 2, 1915, under the laws of California. Is consolidation of: Alta District Gas Company, February 5, 1917; Parlier Winery Water Works, February 5, 1917.

R. K. Madsen, President;

Wm. W. Parlier, Vice President;

W. J. Lohman, Secretary and Treasurer.

Business address, Parlier, California.

#### **Rochester Oil Company.**

Incorporated March 2, 1901, under the laws of California.

J. R. Chadbourne, President and General Manager.

A. C. Tillman, Vice President;

G. C. Trainer, Secretary and Treasurer.

Business address, Suisun, California.

#### **Sacramento Gas Company.**

Incorporated December 4, 1895, under the laws of California. Acquired property of Lodi Natural Gas Company, March 22, 1912.

George W. Peltier, President;

Andrew McCormick, Vice President;

Chas. T. Hills, Secretary and Treasurer;

J. N. Jensen, General Manager.

Business address, 914 Seventh street, Sacramento, California.



**San Diego Consolidated Gas and Electric Company.**

Incorporated April 1, 1905, under the laws of California. Acquired property of San Diego Gas and Electric Light Company, April 1, 1905; Oceanside Electric and Gas Company, May 31, 1916; Escondido Utilities Company, March 19, 1917; United Light, Fuel and Power Company, Steam Heating System, December 29, 1920. Controls through stock ownership, Oceanside Amusement Company.

H. H. Jones, President;  
H. M. Byllesby, Vice President;  
Arthur S. Huey, Vice President;  
M. B. Fowler, Secretary and Treasurer;  
H. M. Byllesby and Company, General Managers.

Business address, 935 Sixth street, San Diego, California.

**San Joaquin Light and Power Corporation.**

Incorporated July 19, 1910, under the laws of California. Was consolidation of: San Joaquin Light and Power Company; Power Transit and Light Company; Merced Falls Gas and Electric Company. Controls through stock ownership; Bakersfield Gas and Electric Light Company; Bakersfield and Kern Electric Railway Company; San Joaquin Power Company; San Joaquin Light and Power Company; Power Transit and Light Company; Valley Electrical Supply Company.

Wm. G. Kerckhoff, President;  
A. C. Balch, Vice President;  
L. M. Farnham, Secretary;  
A. E. Peat, Treasurer and Comptroller;  
A. G. Wishon, General Manager.

Business address, 1801 Tulare street, Fresno, California.

**Santa Barbara Electric Company.**

Incorporated August 6, 1909, under the laws of California. Acquired property of Merchants Mutual Light and Power Company and properties of Southern California Edison Company in Santa Barbara County in 1900.

John F. Diehl, President;  
W. A. Brackenridge, Vice President;  
R. H. Ballard, Vice President;  
S. M. Kennedy, Secretary;  
W. L. Percey, Treasurer;  
R. H. Sterling, General Manager;  
C. P. Staal, Auditor.

Business address, Third and Broadway, Los Angeles.

**Santa Cruz County Utilities.**

Incorporated May 21, 1903, under the laws of California. Formed by consolidation of Boulder Creek Electric Light and Water Company and Mountain Light and Water Company.

J. C. Hughes, President and Treasurer;  
W. H. Bissell, Vice President;  
E. H. Russell, Secretary.

President's address, 1 Grant avenue, San Francisco.

**Santa Maria Gas Company.**

Incorporated March 16, 1920, under the laws of California. Reorganization of Santa Maria Gas and Power Company. Acquired property of Midland Counties Public Service Corporation.

James F. Goodwin, President;  
Thomas B. Adam, Vice President;  
R. E. Easton, Secretary and General Manager;  
Paul O. Tietzen, Treasurer;  
J. P. Hilbert, Auditor;  
L. F. Chandler, General Superintendent.

Business address, Santa Maria, California.

**Snow Mountain Water and Power Company.**

Incorporated February 14, 1906, under the laws of California.

E. S. Pillsbury, President;  
H. D. Pillsbury, Vice President;  
R. J. Woods, Secretary;  
W. S. Graham, General Manager.

Business address, 216 Pine street, San Francisco.

**Sierra and San Francisco Power Company.**

Incorporated May 29, 1909, under the laws of California. Leased to Pacific Gas and Electric Company December 31, 1919. Formed by reorganization of Stanislaus Water Power Company. Following companies acquired: Union Construction Company; Tuolumne County Water and Electric Power Company; Consolidated Stanislaus Water and Power Company; La Grange Water and Power Company; Mount Diablo Light and Power Company; Gold Mountain Water Company; Yosemite Power Company.

M. B. Starring, President;  
John F. Forbes, Vice President;  
E. A. Richards, Secretary and Treasurer.

Business address, 625 Market street, San Francisco.

**Southern California Edison Company.**

Incorporated July 21, 1909, under the laws of California. Following properties acquired: Pacific Light and Power Corporation; Ventura County Power Company; Downey Light, Power and Water Company; Beverly Hills Utilities Company; Mount Whitney Power and Electric Company. Following companies controlled through stock ownership: Santa Barbara Gas and Electric Company; Santa Barbara and Suburban Railroad Company; San Joaquin and Eastern Railroad Company; Mount Whitney Power and Electric Company (first six months of 1920); Shaver Lake Lumber Company.

John B. Miller, President and Chairman;  
W. M. Brackenridge, Senior Vice President;  
R. H. Ballard, Vice President and General Manager;  
A. N. Kemp, Vice President and Comptroller;  
S. M. Kennedy, Vice President;  
G. C. Ward, Vice President;  
A. E. Morphy, Treasurer;  
W. L. Percey, Treasurer;  
C. P. Staal, Auditor.

Business address, Third and Broadway, Los Angeles.

**Southern California Gas Company.**

Incorporated October 5, 1910, under the laws of California. Following companies' property or portion thereof acquired: Domestic Gas Company of Los Angeles; Riverside Gas Properties (portion of Southern California Edison Company); San Bernardino Gas Properties (portion of Pacific Light and Power Corporation); Beverly Hills Gas Properties (portion of Beverly Hills Utility Company); Redondo Gas Properties (purchased from Western Fuel, Gas and Power Company); Economic Gas Company; Consumers Gas System.

Wm. C. Kerckhoff, President;  
A. C. Balch, Vice President;  
A. B. Macbeth, Vice President and General Manager;  
L. M. Farnham, Vice President and Secretary;  
A. E. Peat, Comptroller;  
A. C. Johnston, Auditor;  
C. D. Bell, General Superintendent.

Business address, 805 Garland Building, Los Angeles.

**Southern Counties Gas Company of California.**

Incorporated February 24, 1911, under the laws of California. Following companies acquired: Piedmont Gas Company; Covina Valley Gas Company; Orange County Gas Company; Southern California Edison Company's gas properties at Santa Ana and Whittier; Home Gas Company of Fullerton; Long Beach Consolidated Gas Company; Southern California Edison Companies gas properties at Pomona, Chino, Claremont, La Verne, San Dimas, San Pedro, Wilmington, Santa Monica, Sawtelle, Ocean Park, Venice, Palms and Culver City; Santa Barbara Gas and Electric Company gas property; Ontario-Upland Gas Company.

Ferdinand R. Bain, President;  
 Rufus C. Dawes, Vice President;  
 Charles H. Dickey, Vice President;  
 A. S. Bradford, Vice President;  
 Walter S. MacFarland, Secretary;  
 T. H. Dudley, Treasurer;  
 Franklin S. Wade, General Superintendent.

Business address, 724 South Spring street, Los Angeles.

**The Southern Sierras Power Company.**

Incorporated June 15, 1911, under the laws of Wyoming. Following companies acquired: Lytle Creek Power Company; San Jacinto Light and Power Company; Elsinore Electric Light and Power Company; Barstow Utility Company; Coachella Valley Ice and Electric Company; Corona Gas and Electric Light Company; Bishop Light and Power Company; Rialto Light, Power and Water Company.

G. S. Wood, President;  
 A. B. West, Vice President and General Manager;  
 W. S. Fisher, Secretary;  
 L. C. Phipps, Jr., Vice President and Treasurer;  
 P. R. Ferguson, Auditor;  
 F. O. Dolson, General Superintendent.

Business address, Riverside, California.

**Surprise Valley Electric Light and Power Company.**

Incorporated May 25, 1905, under the laws of California.

Thomas B. Sizer, President;  
 R. H. Stanley, Vice President;  
 L. L. Turner, Secretary;  
 C. H. Johnstone, Treasurer.

Business address, Cedarville, California.

**The Truckee Electric Light and Power Company.**

Incorporated October 1, 1888, under the laws of California.

P. M. Doyle, President and General Manager;  
 J. T. Lord, Vice President;  
 K. E. Doyle, Secretary and Treasurer.

Business address, Dixon, California.

**Tuolumne County Electric Power and Light Company.**

Incorporated April 10, 1896, under the laws of California.

J. J. Crooks, President;  
 David Hearfield, Vice President;  
 Platt Kent, Secretary;  
 H. J. Coffill, General Manager.

Business address, Sonora, California.

**Turlock Gas Company.**

Incorporated January 16, 1912, under the laws of California.

A. A. Caldwell, President and General Manager;  
 R. R. Fowler, Vice President;  
 E. P. Mains, Secretary and Treasurer.

Business address, Turlock, California.

**Twin Cities Gas Company.**

Incorporated in 1919, under the laws of California; reorganization of Riverside County Gas and Power Company.

J. M. Berkley, President;

W. G. Cross, Secretary;

Wiley Mull, General Superintendent, Beaumont, California.

Business address, 411 Hollingsworth Building, Los Angeles.

**Ukiah Gas Company.**

Incorporated November 1, 1910, under the laws of California.

Geo. H. Eckert, President and General Manager;

H. C. Giles, Vice President;

C. B. Dawson, Secretary;

K. F. Giles, Treasurer.

Business address, 109 New Montgomery street, San Francisco.

**United Light, Fuel and Power Company.**

Incorporated December 19, 1904, under the laws of California. Acquired property of Coronado Beach Company, December 28, 1911.

J. D. Spreckels, President;

W. Clayton, Vice President;

Claus Spreckels, Secretary and Treasurer;

N. E. Brown, Auditor;

A. MacNutt, Manager.

Business address, San Diego, California.

**Universal Electric and Gas Company.**

Incorporated February 27, 1912, under the laws of California. Acquired property of Municipal Light and Power Company.

Claus A. Spreckels, President;

Rudolph Spreckels, Vice President;

Howard Spreckels, Secretary and Treasurer;

A. K. Harford, General Manager.

Business address, 905 First National Bank Building, San Francisco.

**Vacaville Water and Power Company.**

Incorporated February 6, 1919, under the laws of California; reorganization of Vacaville Water and Light Company.

T. L. Yates, President;

Mrs. S. W. English, Vice President and Treasurer;

W. Z. McBride, Secretary and General Manager.

Business address, Vacaville, California.

**Vallejo Electric Light and Power Company.**

Incorporated June 18, 1897, under the laws of California.

George Newman, President;

J. S. Adler, Vice President;

Albert Casper, Secretary, Treasurer and General Manager.

Business address, Vallejo, California.

**Valley Natural Gas Company.**

Incorporated November 26, 1915, under the laws of California. Property leased to Midway Gas Company, July 1, 1919. Acquired property of California Natural Gas Company, June 19, 1916.

Chas. Donlon, President;

A. B. Macbeth, Vice President;

C. C. Spicer, Secretary;

L. M. Farnham, Treasurer;

A. E. Peat, Treasurer, Midway Gas Company, Lessee, 805 Garland Building, Los Angeles, California.

**Weaverville Electric Company.**

Incorporated July 23, 1893, under the laws of California.

J. R. Blair, President;  
W. A. Goetz, Secretary;  
J. R. Blair, General Superintendent.

Business address, Weaverville, California.

**West Side Natural Gas Company.**

Incorporated February 13, 1920, under the laws of California. Acquired property of Joseph McDonald at Taft and Maricopa, March 1, 1912, and West Side Gas Company, February 20, 1920.

Jos. McDonald, President;  
J. T. Ryan, Vice President;  
J. I. McKean, Secretary.

Business address, Taft, California.

**Western States Gas and Electric Company.**

Incorporated November 30, 1910, under the laws of California. Formed by consolidation of: Stockton Gas and Electric Corporation; American River Electric Company; Richmond Light and Power Corporation; Eureka Lighting Company; Humboldt Gas and Electric Company; Ferndale Electric Light Company; Fortuna Lighting Company; Arcata Light and Power Company; North Mountain Power Company. Acquired property of: Citizens Natural Gas Co. (Stockton), April, 1912; Sierra Water Supply Company (Placerville), November, 1916.

H. M. Byllesby, President;  
Samuel Kahn, Vice President and General Manager;  
O. E. Osthoff, Vice President;  
A. L. Chickering, Secretary;  
Samuel Kahn, Treasurer;  
G. N. Rooker, Manager, Richmond Division;  
H. L. Jackman, Manager, Eureka Division.

Business address, 48 North Sutter street, Stockton, California.

**IN ADDITION TO THE FOREGOING ELECTRIC CORPORATIONS, THE FOLLOWING, OPERATING AS PUBLIC UTILITIES, REPORT TO THE COMMISSION.**

**Bell Electric Company.**

Frank R. Bell, General Manager,  
Auburn, California.

**Ben Lomond Light Company.**

B. Dickinson, Owner,  
Ben Lomond, California.

**Bidwell Electric Company.**

I. H. Skillman, Owner,  
Fort Bidwell, California.

**Brown, Alex, Electric Plant.**

Alex Brown, Owner,  
Walnut Grove, California.

**Callayoni Electric Plant.**

S. H. McKinley, Lessee,  
Middletown, California.

**Dillon and Murphy.**

R. J. Dillon and Dan Murphy,  
1124 Merchants National Bank Building, Los Angeles.

**Fairoaks Electric Company.**

R. A. Rose, Owner,  
Fairoaks, California.

**Gonzales Electric Company (Alpine Evaporated Cream Company).**

John F. Montgomery, President ;  
C. W. Doty, Secretary ;  
Ira H. Latour, General Manager ;  
E. G. McCoy, General Superintendent.

Business address, 112 Market street, San Francisco.

**Grizzly Electric Company.**

R. B. Young, General Manager,  
Portola, California.

**Gunn, Jr., James A.**

Kelseyville, California.

**Hazel Gold Mining Company.**

I. O. Jillson, President ;  
J. W. Roper, Secretary.

Business address, box 907 Chico, California.

**Hotchkiss, J. M.**

Care Hobbs, Wall & Company,  
Fife Building, San Francisco.

**Jackson Gas Light Company.**

B. E. Letang, Owner,  
Jackson, California.

**Light and Power Utility, The.**

C. H. L. Ghriest, General Manager,  
Banning, California.

**Mariposa Commercial and Mining Company.**

E. H. Benjamin, President ;  
H. G. Stevenson, Secretary ;  
F. T. Maguire, General Superintendent, Mount Bullion, California.

Business address, 1308 Balfour Building, San Francisco.

**Peters, J. G.**

Dutch Flat, California.

**Point Arena Electric Light Company.**

A. Brown, General Manager,  
Mendocino, California.

**Quincy Electric Light and Power Company.**

A. L. Payne, Secretary and General Manager,  
Quincy, California.

**Sacramento Valley Sugar Company.**

Wm. Lacy, President ;  
E. M. Jackson, Secretary ;  
A. M. Gelston, Manager,  
Hamilton City, California.

**Sorensen, A. and Company.**

A. Sorensen, Manager,  
1932 Irving avenue, Oakland, California.

**Stewart, James D.**

Auburn, California.

**The Truckee River General Electric Company.**

Frederick S. Pratt, President ;  
Wm. T. Crawford, Secretary ;  
George A. Campbell, Manager,  
Reno, Nevada.

**Utica Mining Company.**

Owned by Hobart Estate Company, Lane Investment Company and  
Emma Rose ;  
H. G. Stevenson, Secretary,  
1128 Merchants Exchange Building, San Francisco.

TABLE NO. 1.  
ABSTRACT OF BALANCE SHEETS OF GAS CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Central Counties Gas Company	Central Natural Gas Company	Citrus Belt Gas Company	Coast Counties Gas and Electric Company <sup>1</sup>	Coast Valleys Gas and Electric Company <sup>1</sup>	Contra Costa Gas Company	Fowler Gas Company	Hanford Gas and Power Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$172,923 50	\$48,034 00	\$612,209 58					\$195,056 55
Fixed capital installed since December 31, 1912 .....	245,290 28	1,419 41	63,082 80			\$331,641 33	\$20,916 36	47,941 97
Total fixed capital.....	\$418,213 78	\$49,453 41	\$675,292 38			\$331,641 33	\$20,916 36	\$242,998 52
Cash and deposits.....	360 28	19,184 87	5,327 59			5,757 97	265 29	
Notes receivable.....								
Accounts receivable.....	21,986 06		16,216 08			13,134 91	993 22	15,427 39
Other current assets.....	8,529 86							
Investments.....		10,002 80	3,000 00			188 65		10,100 00
Treasury securities.....			73,200 00					
Working assets.....	10,664 61		11,495 65			15,116 20	1,054 16	2,828 15
Prepaid expenses.....	353 35					217 23		
Unamortized discount on securities and expenses .....	5,700 00					33,833 77	375 00	
Miscellaneous.....	1,233 04					9,304 37		
Corporate deficit.....	5,855 57		104,304 54				374 72	
Totals.....	\$472,896 55	\$78,641 08	\$888,836 24			\$409,194 43	\$23,978 75	\$271,354 06
<i>Liabilities.</i>								
Capital stock.....	\$103,505 00	\$19,900 00	\$250,166 00			\$111,150 00	\$8,000 00	\$100,000 00
Funded debt.....	300,000 00		350,200 00			159,000 00	7,900 00	70,000 00
Assessment.....							5,800 00	
Notes payable.....	36,600 00		14,000 00			80,000 00	750 00	14,500 00
Accounts payable.....	28,249 21	42 50	16,360 49			26,627 76	1,247 56	4,241 74
Interest and taxes accrued.....	3,729 41		10,939 36			13,751 17	281 19	1,096 99
Reserves.....	812 93	20,025 00	233,383 39			14,121 68		30,951 36
Income invested since December 31, 1912, in fixed capital.....								
Appreciation of fixed capital.....								
Miscellaneous.....		68 00	13,787 00			1,667 25		
Corporate surplus.....		38,606 58				2,876 57		50,563 97
Totals.....	\$472,896 55	\$78,641 08	\$888,836 24			\$409,194 43	\$23,978 75	\$271,354 06

<sup>1</sup>See electric table.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF GAS CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Los Angeles Gas and Electric Corporation <sup>2</sup>	Madera Gas Company	Midland Counties Public Service Corporation <sup>1</sup>	Midway Gas Company	Modesto Gas Company	Napa Valley Electric Company <sup>1</sup>	Needles Gas and Electric Company <sup>1</sup>	Oakdale Gas Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$18,381,382 61			\$1,507,688 40	\$127,509 60			
Fixed capital installed since December 31, 1912.....	7,417,476 70	\$72,930 16		3,146,825 31	184,695 08			\$61,262 54
Total fixed capital.....	\$25,798,859 31	\$72,930 16		\$4,654,513 71	\$312,204 68			\$61,262 54
Cash and deposits.....	167,710 45	45 30		224,656 02	1,363 97			828 41
Notes receivable.....	770 00							
Accounts receivable.....	1,013,141 51	5,700 20		464,608 10	22,175 67			231 99
Other current assets.....	3,406 44				266 70			
Investments.....	25 00	3,453 76		547,605 56	600 00			
Treasury securities.....	1,500,000 00	57,970 00		38,000 00				
Working assets.....	1,925,944 55	3,136 85		88,378 57	9,841 38			673 01
Prepaid expenses.....	7,986 09			4,670 27	237 20			84 71
Unamortized discount on securities and expenses.....	93,043 21	4,685 60		284,339 41	9,647 91			8,807 89
Miscellaneous.....	25,765 28			\$2,749,340 57	2,006 58			
Corporate deficit.....								
Totals.....	\$30,536,651 84	\$147,921 86		\$9,056,112 21	\$358,344 09			\$71,888 55
<i>Liabilities.</i>								
Capital stock.....	\$10,000,000 00	\$75,000 00		\$2,880,280 00	\$100,000 00			\$23,000 00
Funded debt.....	10,969,000 00	43,500 00		1,801,000 00	130,000 00			40,000 00
Assessment.....								
Notes payable.....	151,000 00	1,500 00		500,000 00	20,000 00			
Accounts payable.....	1,034,725 51	8,056 76		160,429 59	14,271 40			3,379 00
Interest and taxes accrued.....	527,134 28	2,424 01		168,033 50				2,068 66
Reserves.....	6,814,859 65	13,016 32		2,380,444 59	28,236 14			
Income invested since December 31, 1912, in fixed capital.....	810,000 00							
Appreciation of fixed capital.....								
Miscellaneous.....				4521,004 86				
Corporate surplus.....	229,932 40	4,424 77		644,919 67	65,836 55			3,440 89
Totals.....	\$30,536,651 84	\$147,921 86		\$9,056,112 21	\$358,344 09			\$71,888 55

<sup>1</sup>See electric table.  
<sup>2</sup>Includes electric operations.  
<sup>3</sup>Includes \$2,323,900 contracts, rights and franchises representing the issue of common stock.  
<sup>4</sup>Includes \$496,766.79 account of Valley Natural Gas Company, lessor.



TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF GAS CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Pacific Gas and Electric Company <sup>1</sup>	Producers Gas and Fuel Company	River Bend Gas and Water Company <sup>2</sup>	Rochester Oil Company	Sacramento Gas Company	San Diego Consolidated Gas and Electric Company <sup>1</sup>	San Joaquin Light and Power Corporation <sup>1</sup>	Santa Maria Gas and Power Company <sup>3</sup>	Santa Maria Gas Company <sup>4</sup>
<i>Assets.</i>									
Fixed capital installed prior to January 1, 1913.....				\$53,050 38	\$896,761 69			\$172,021 36	
Fixed capital installed since December 31, 1912.....		\$30,184 70	\$255,697 04	447 55	223,472 44			293,828 55	837,542 60
Total fixed capital.....		\$30,184 70	\$255,697 04	\$53,497 93	\$920,234 13			\$465,849 91	\$837,542 60
Cash and deposits.....		6,167 14	1,826 38	628 96	47,817 16			990 49	11,755 07
Notes receivable.....		21,656 34		108 70					
Accounts receivable.....		2,244 35	14,449 24	163 82	25,981 22			15,147 62	23,303 20
Other current assets.....				4 90	2,433 61				
Investments.....					56,349 87				
Treasury securities.....				3,470 12					
Working assets.....		1,531 50	11,586 44	7 15	3,571 50			8,121 24	17,262 30
Prepaid expenses.....					433 61			142 18	168 88
Unamortized discount on securities and expenses.....		10,000 00	36,684 23						93,958 05
Miscellaneous.....		18 50						5,531 98	
Corporate deficit.....		3,408 80	6,306 97	17,156 48					6,479 89
Totals.....		\$75,211 33	\$326,550 30	\$75,038 06	\$1,080,122 77			\$495,783 42	\$990,469 99
<i>Liabilities.</i>									
Capital stock.....		\$50,000 00	\$173,417 00	\$39,279 00	\$429,100 00			\$100,000 00	\$300,700 00
Funded debt.....			75,000 00		380,000 00			128,000 00	403,000 00
Assessment.....				14,300 77					
Notes payable.....		6,514 26	52,023 15	15 00	18,652 38			15,000 00	93,816 15
Accounts payable.....		2,642 05	13,212 50		5,700 00			19,417 70	63,092 17
Interest and taxes accrued.....		17,055 02	12,882 77	21,443 29	184,333 66			5,316 03	9,959 83
Reserves.....								99,689 17	115,181 42
Income invested since December 31, 1912, in fixed capital.....									
Appreciation of fixed capital.....					17,250 00			4,720 42	4,720 42
Miscellaneous.....			14 88		45,086 73			123,640 10	
Corporate surplus.....									
Totals.....		\$75,211 33	\$326,550 30	\$75,038 06	\$1,080,122 77.			\$495,783 42	\$990,469 99

<sup>1</sup>See electric table.  
<sup>2</sup>Includes water operations.  
<sup>3</sup>For 6 months only. Name changed to Santa Maria Gas Company, June 30, 1920.  
<sup>4</sup>For 6 months from July 1, 1920.

TABLE NO. 1—Concluded.  
ABSTRACT OF BALANCE SHEETS OF GAS CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Southern California Gas Company	Southern Counties Gas Company of California	Turlock Gas Company	Twin Cities Gas Company	Ukiah Gas Company	Valley Natural Gas Company <sup>3</sup>	West Side Natural Gas Company	Western States Gas and Electric Company <sup>1</sup>	Total
<i>Assets.</i>									
Fixed capital installed prior to January 1, 1913.....	\$9,134,034 54		\$39,192 46		\$47,618 78				\$31,187,483 45
Fixed capital installed since December 31, 1912.....	3,381,790 44	\$7,300,748 03	32,157 82	\$60,342 73	2,203 04		\$174,731 45		24,186,628 33
Total fixed capital.....	\$12,515,824 98	\$7,300,748 03	\$71,350 28	\$60,342 73	\$49,821 82		\$174,731 45		\$55,374,111 78
Cash and deposits.....	116,671 97	317,351 12	177 49	1,057 77			1,355 90		955,449 60
Notes receivable.....	14,287 35	4,533 66				\$24,150 00			41,356 05
Accounts receivable.....	327,004 29	228,815 63	7,411 71	571 47	350 00		15,511 70		2,234,569 38
Other current assets.....	2,430 29	1,727 19							18,798 99
Investments.....	86,846 00		1,400 00				9,150 31		728,721 94
Treasury securities.....			25,000 00						1,697,640 12
Working assets.....	501,984 85	274,792 20	7,061 26	1,939 92	150 00		8,398 30		2,905,539 79
Prepaid expenses.....	7,912 84	66,876 63	239 08	61 86					89,383 93
Unamortized discount on securities and expenses.....	622,479 82	1,243,600 75		29,250 00	20,340 69	71,417 78			2,591,465 78
Miscellaneous.....	\$762,176 16	106,330 77				4503,178 43			4,164,885 68
Corporate deficit.....				1,936 14	10,972 64				156,795 75
Totals.....	\$14,957,618 55	\$9,544,775 98	\$112,639 82	\$95,159 89	\$81,635 15	\$598,746 21	\$209,147 66		\$70,958,718 79
<i>Liabilities.</i>									
Capital stock.....	\$6,875,000 00	\$1,500,000 00	\$75,000 00	\$25,000 00	\$70,010 00	\$400,000 00	\$150,000 00		\$23,858,507 00
Funded debt.....	4,596,000 00	6,064,600 00		45,500 00					25,562,700 00
Assessment.....									20,100 77
Notes payable.....	332,786 80	389,153 88							1,649,106 83
Accounts payable.....	1,051,717 77	592,352 81	4,167 46	765 95	900 00		22,322 02		3,128,572 19
Interest and taxes accrued.....	61,082 28	55,240 83	1,319 53	1,134 21	725 15		5,576 21		891,367 19
Reserves.....	1,221,462 20	482,954 95	17,624 48	121 41	10,000 00	123,324 54	24,088 42		11,866,012 39
Income invested since December 31, 1912, in fixed capital.....									810,000 00
Appreciation of fixed capital.....		82,274 43		22,638 32					131,603 59
Miscellaneous.....	26,250 00	3,918 16							590,860 15
Corporate surplus.....	793,319 50	374,280 92	14,528 35			24,150 00	7,161 01		2,449,888 68
Totals.....	\$14,957,618 55	\$9,544,775 98	\$112,639 82	\$95,159 89	\$81,635 15	\$598,746 21	\$209,147 66		\$70,958,718 79

<sup>1</sup>See electric table.  
<sup>2</sup>Includes oil wells \$103,007.27; Midway Gas Company bonds in escrow \$136,800; gas plants to be amortized \$46,063.14.  
<sup>3</sup>Leased to Midway Gas Company.  
<sup>4</sup>Includes \$496,766.79 account of Midway Gas Company lessee.

TABLE NO. 2.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Central Counties Gas Company	Central Natural Gas Company	Citrus Belt Gas Company	Coast Counties Gas and Electric Company	Coast Valleys Gas and Electric Company	Contra Costa Gas Company	Fowler Gas Company	Hanford Gas and Power Company
Operating revenues.....	\$171,240 10	\$9,354 04	\$150,220 47	\$173,688 21	\$112,875 39	\$121,445 23	\$5,444 09	\$51,391 20
Operating expenses.....	147,685 72	5,051 60	173,441 26	165,450 48	109,534 56	97,899 81	4,674 22	47,701 20
Net operating revenues.....	\$23,554 38	\$4,302 44	.....	\$8,237 73	\$3,340 83	\$23,545 42	\$769 87	\$3,690 00
Net operating loss.....	.....	.....	\$23,220 79	.....	.....	.....	.....	.....
Nonoperating revenues.....	135 82	1,357 88	256 93	.....	.....	24 00	.....	630 78
Gross corporate income.....	\$23,690 20	\$5,660 32	.....	\$8,237 73	\$3,340 83	\$23,569 42	\$769 87	\$4,320 78
Gross corporate loss.....	.....	.....	\$22,963 86	.....	.....	.....	.....	.....
<i>Deductions.</i>								
Nonoperating revenue deductions.....	.....	.....	.....	.....	.....	.....	.....	.....
Interest accrued on funded debt.....	\$18,000 00	.....	\$15,735 00	.....	.....	\$9,540 00	\$474 00	\$4,200 00
Other interest deductions.....	2,040 50	.....	505 05	.....	.....	4,687 27	99 02	.....
Rent deductions.....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous deductions.....	1,259 05	.....	.....	.....	.....	1,665 77	189 73	479 50
Total deductions.....	\$21,299 55	.....	\$16,240 05	.....	.....	\$15,893 04	\$762 75	\$4,679 50
Net corporate income for year.....	2,390 65	\$5,660 32	.....	\$8,237 73	\$3,340 83	7,676 38	7 12	.....
Net corporate loss for year.....	.....	.....	39,203 91	.....	.....	.....	.....	358 72
Dividends.....	.....	1,592 00	.....	.....	.....	6,669 00	.....	.....
Miscellaneous additions to surplus.....	1,882 84	.....	.....	.....	.....	490 41	.....	.....
Miscellaneous deductions from surplus.....	.....	1,000 00	3,811 32	.....	.....	.....	.....	.....
Surplus on December 31, 1919.....	.....	35,537 26	.....	18,237 73	\$3,340 83	1,378 73	.....	50,922 69
Deficit on December 31, 1919.....	10,129 06	.....	61,289 31	.....	.....	.....	381 84	.....
Surplus on December 31, 1920.....	.....	38,605 58	104,304 54	.....	.....	2,876 57	.....	50,563 97
Deficit on December 31, 1920.....	5,855 57	.....	.....	.....	.....	.....	374 72	.....

<sup>1</sup>Transferred to electric table.

TABLE NO. 2—Continued.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920

	Los Angeles Gas and Electric Corporation	Madera Gas Company	Midland Counties Public Service Corporation <sup>1</sup>	Midway Gas Company	Modesto Gas Company	Napa Valley Electric Company	Needles Gas and Electric Company	Oakdale Gas Company
Operating revenues.....	\$5,505,577 14	\$29,627 35	\$10,429 25	\$2,477,922 21	\$116,577 88	\$3,471 07	\$20,798 48	\$19,490 33
Operating expenses.....	4,276,039 80	25,265 15	13,046 32	1,862,589 68	96,862 11	6,017 99	24,780 29	17,101 06
Net operating revenues.....	\$1,229,537 34	\$4,362 20		\$615,332 53	\$19,715 77			\$2,389 27
Net operating loss.....			\$2,617 07			\$2,546 92	\$3,981 81	
Nonoperating revenues.....	57,013 89	130 00		45,093 54	740 31			
Gross corporate income.....	\$1,286,551 23	\$4,492 20		\$660,426 07	\$20,456 08	\$2,546 92	\$3,981 81	\$2,389 27
Gross corporate loss.....			\$2,617 07					
<i>Deductions.</i>								
Nonoperating revenue deductions.....								
Interest accrued on funded debt.....	\$424,844 65	\$2,610 00		\$131,894 17	\$7,470 00			\$2,400 00
Other interest deductions.....	287,591 61	99 38		48,957 75	769 95			56 00
Rent deductions.....				49,433 59				
Miscellaneous deductions.....	43,256 86			24,157 57	821 36			
Total deductions.....	\$755,693 12	\$2,709 38		\$254,433 08	\$9,061 31			\$2,456 00
Net corporate income for year.....	530,858 11	1,782 82		405,992 99	11,394 77			
Net corporate loss for year.....			\$2,617 07			\$2,546 92	\$3,981 81	60 73
Dividends.....	840,000 00			85,299 60				
Miscellaneous additions to surplus.....	1525,764 74		\$2,617 07	980 00	328 05	\$2,546 92	\$3,981 81	
Miscellaneous deductions from surplus.....	604,613 91			160,966 01	2,782 17			
Surplus on December 31, 1919.....	617,923 46	2,641 95		484,312 29	56,895 90			3,507 62
Deficit on December 31, 1919.....								
Surplus on December 31, 1920.....	229,932 40	4,424 77		644,919 67	65,836 55			3,440 89
Deficit on December 31, 1920.....								

<sup>1</sup>Includes \$515,064.88 net revenue of electric operations. <sup>2</sup>Transferred to electric table.

<sup>3</sup>Gas system sold to Santa Maria Gas Company, September 1, 1920.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Pacific Gas and Electric Company	Producers Gas and Fuel Company	River Bend Gas and Water Company	Rochester Oil Company	Sacramento Gas Company	San Diego Consolidated Gas and Electric Company	San Joaquin Light and Power Corporation	Santa Maria Gas Company <sup>1</sup>	Santa Maria Gas and Power Company <sup>2</sup>
Operating revenues .....	\$11,284,177 17	\$29,408 03	\$95,248 06	\$435 33	\$247,996 61	\$1,150,331 70	\$294,469 71	\$89,665 77	\$97,459 53
Operating expenses .....	9,551,964 95	34,096 29	93,537 33	3,813 96	197,935 83	993,314 47	211,094 36	79,435 46	45,304 33
Net operating revenues .....	\$1,732,212 22		\$2,710 73		\$50,060 78	\$105,967 23	\$73,375 35	\$10,230 31	\$52,155 20
Net operating loss .....		\$4,627 67		\$3,333 58					
Nonoperating revenues .....		175 00		440 20	3,612 41			290 00	5,210 52
Gross corporate income .....	\$1,732,212 22		\$2,710 73	\$2,893 28	\$53,672 19	\$105,967 23	\$73,375 35	\$10,400 31	\$57,365 72
Gross corporate loss .....		\$4,452 67							
Deductions:									
Nonoperating revenue deductions .....			\$5,187 48		\$15 99			\$13,347 50	\$3,541 67
Interest accrued on funded debt .....		\$1 80			23,950 00			2,207 08	657 08
Other interest deductions .....					18 15				
Rent deductions .....			240 00	\$70 00					
Miscellaneous deductions .....			1,347 98	64 45	4,082 26			415 52	
		\$1 80	\$6,775 46	\$134 45	\$27,036 43	\$105,967 23	\$73,375 35	\$16,970 20	\$4,230 35
	\$1,732,212 22	4,454 47	4,044 73	2,027 83	26,635 76			6,479 39	23,234 97
		3,000 00			25,746 00				
			137 20	36 70	8,151 38				285 72
Miscellaneous deductions from surplus .....			919 57	126 28	597 06	\$105,967 23	\$73,375 35		9,791 47
Surplus on December 31, 1919 .....		4,045 57	1,479 87	14,080 07	36,442 64				100,910 88
									123,640 10
		3,406 80	6,306 97	17,166 45	45,086 78			9,479 89	

<sup>1</sup>Transferred to electric table.

1920.  
 changed to Santa Maria Gas Company, June 30, 1920.  
 \$497.04.

TABLE NO. 2—Continued.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Southern California Gas Company	Southern Counties Gas Company of California	Turlock Gas Company	Twin Cities Gas Company	Utah Gas Company	Valley Natural Gas Company <sup>a</sup>	West Side Natural Gas Company	Western States Gas and Electric Company	Total
Operating revenues.....	\$3,078,400 39	\$3,890,187 26	\$41,532 18	\$12,159 17	\$6,427 71	.....	\$92,925 84	\$471,886 43	\$28,837,400 06
Operating expenses.....	2,433,800 92	2,956,861 26	33,983 19	12,387 26	8,908 44	\$900 00	70,269 63	327,377 86	23,425,571 17
Net operating revenues.....	\$644,579 47	\$933,326 01	\$7,548 99	.....	.....	.....	\$22,656 21	\$144,507 56	\$5,411,828 89
Net operating loss.....	.....	.....	.....	\$928 08	\$2,540 73	\$800 00	.....	.....	.....
Nonoperating revenues.....	31,842 27	18,117 30	78 87	.....	80 00	48,300 00	.....	.....	213,519 72
Gross corporate income.....	\$676,421 74	\$951,443 31	\$7,627 86	\$928 08	\$2,480 73	\$48,000 00	\$22,656 21	\$144,507 56	\$5,625,348 61
Gross corporate loss.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	\$374,800 00	\$318,541 39	.....	\$1,126 22	.....	.....	.....	.....	\$15 90
.....	7,423 07	15,879 07	.....	400 43	.....	.....	\$77 50	.....	1,255,712 08
.....	23,160 32	47,297 37	80 65	121 41	.....	.....	.....	.....	873,571 91
.....	.....	.....	.....	.....	\$250 00	.....	.....	.....	49,743 59
.....	\$306,452 99	\$381,717 83	\$89 85	\$1,708 06	\$250 00	.....	\$879 49	.....	\$1,828,453 09
.....	370,968 75	244,735 48	7,435 01	1,866 14	2,710 73	\$48,000 00	21,796 83	\$144,507 56	3,795,854 92
.....	131,250 00	120,000 00	.....	.....	.....	48,150 00	16,000 00	.....	1,276,706 90
.....	.....	.....	.....	.....	179 96	101 00	355 16	.....	547,723 05
plus.....	37,754 93	6,834 96	.....	.....	.....	.....	2,533 28	\$144,507 56	2,980,140 97
.....	\$91,365 93	264,380 40	6,990 34	.....	8,441 86	51,230 67	2,622 31	.....	\$310,068 54
.....	793,319 50	\$74,280 92	14,828 35	1,866 14	10,972 64	51,271 67	7,161 01	.....	\$5,752 01
.....	.....	.....	.....	.....	.....	.....	.....	.....	2,449,888 68
.....	.....	.....	.....	.....	.....	.....	.....	.....	154,795 75

<sup>a</sup>Transferred to electric table.

<sup>b</sup>Leased to Midway Gas Company.



TABLE NO. 2—Continued.  
ABSTRACT OF OPERATING REVENUE OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1922.

	Los Angeles Gas and Electric Corporation	Madera Gas Company	Midland Counties Public Service Corporation <sup>1</sup>	Midway Gas Company	Modesto Gas Company	Napa Valley Electric Company	Needles Gas and Electric Company	Outdale Gas Company
Operating Revenue.					\$5,632 52			
.....	\$16,100 00							
.....	5,330,074 26	\$27,238 08	\$10,429 26	\$981,790 20	104,766 00	\$3,306 20	\$30,796 48	\$18,466 33
.....				1,486,713 24	1,808 50			
.....								
.....	5,562 03							
.....								
.....	16,590 41							
.....								
Total operating revenue.....	\$5,323,986 79	\$27,238 58	\$10,429 26	\$2,468,513 44	\$111,994 02	\$3,306 20	\$30,796 48	\$18,466 33
Other Operating Revenue.								
Rent of gas appliances.....					\$112 50			
Gas merchandise and jobbing revenue.....		\$2,288 77		\$259 53	4,471 36	\$104 87		\$1,024 90
Sale of residuals and by-products.....	\$181,590 25			8,180 24				
Steam sales revenue.....								
Total other operating revenue.....	\$181,590 25	\$2,288 77		\$8,439 77	\$4,583 86	\$104 87		\$1,024 90
Total operating revenue.....	\$5,505,577 14	\$29,527 35	\$10,429 26	\$2,477,953 21	\$116,577 88	\$3,471 07	\$30,796 48	\$19,490 33

<sup>1</sup>Gas system sold to the Santa Maria Gas Company, September 1, 1920.



TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Pacific Gas and Electric Company	Producers Gas and Fuel Company	River Bend Gas and Water Company	Rochester Oil Company	Sacramento Gas Company	San Diego Consolidated Gas and Electric Company	San Joaquin Light and Power Corporation	Santa Maria Gas Company <sup>1</sup>	Santa Maria Gas and Power Company <sup>2</sup>
Municipal	\$334,821 75		\$500 50			\$184 50		\$3,754 80	
Municipal	46,963 84					8,796 39			
Commercial heat, power and lighting—flat rate									
Commercial heat, power and lighting— metered rate	10,741,970 21	\$29,208 44	92,948 89	\$495 38	\$302,512 20	1,126,243 10	278,592 31	92,006 87	\$95,435 40
Prepaid gas	22,797 55				40,597 24	12,781 26			
Other gas corporations	92,846 08								
Commission on others' gas									
Rent of meters									
Breakdown service									
Joint gas rent revenue									
Other miscellaneous gas revenue	135,372 54								
Total operating revenue	\$11,153,672 60	\$29,208 44	\$93,540 39	\$495 38	\$343,409 44	\$1,150,105 35	\$284,400 71	\$98,451 47	\$95,435 40
Rent									
Gas	\$20,595 44				\$1,494 75				
Sale of		\$183 18			2,486 02	\$4,764 25		\$3,214 20	\$3,053 23
Steam	109,900 04				300 00	4,412 20			
Total other operating revenue	\$130,504 48	\$183 18	\$1,717 67		\$4,586 17	\$9,176 45		\$3,214 20	\$3,053 23
Total operating revenue	\$11,284,177 17	\$29,489 62	\$95,258 06	\$495 38	\$347,996 61	\$1,159,281 70	\$284,400 71	\$99,665 77	\$97,488 63

<sup>1</sup>Includes \$12,585.78 interdepartment revenue.

<sup>2</sup>For 6 months from July 1, 1920.

<sup>3</sup>For 6 months only.

TABLE NO. 2—Continued.  
ABSTRACT OF OPERATING REVENUE OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR 1930 DECEMBER 31, 1930.

	Southern California Gas Company	Southern Counties Gas Company of California	Turlock Gas Company	Twin Cities Gas Company	Utah Gas Company	Valley Natural Gas Company <sup>1</sup>	West Side Natural Gas Company	Western States Gas and Electric Company	Total
Municipal (Municipal Commercial heat, power and lighting—gas rate.									\$245,271 87
Commercial heat, power and lighting—metered rate.									80,155 40
Prepaid gas									6 00
Other gas corporations	182,461,728 74	82,077,306 32	834,180 80	\$12,140 89	\$6,437 71		\$92,453 88	\$459,192 37	24,984,991 52
Commission on others' gas	15,230 07	58,836 43	1,403 92					8,808 87	190,098 34
Rent of meters	548,284 44								2,097,094 20
Breakdown service.	1,365 19								7,542 92
Joint gas rent revenues								190 83	190 83
Other miscellaneous gas revenues	3610 00	727,506 75						1,534 05	781,528 87
Total operating revenue.	\$3,025,308 44	\$2,863,647 50	\$87,584 81	\$12,140 89	\$6,437 71		\$92,453 88	\$469,426 72	\$28,386,849 15
Rent									
Gas	\$6,227 82	\$4,498 69							\$33,378 50
Sale	30,936 50	28,041 07	\$3,947 57	\$18 26			\$471 96	\$2,456 70	101,478 09
Steam	9,006 63								215,378 96
Light									420 36
Other									
Total	\$63,160 95	\$32,539 76	\$3,947 57	\$18 26			\$471 96	\$2,456 70	\$450,550 91
Total	\$3,078,469 39	\$2,896,187 26	\$91,532 18	\$12,159 17	\$6,437 71		\$92,925 84	\$471,885 43	\$28,837,400 96

<sup>1</sup>Includes industrial gas sales of \$572,991.00.

<sup>2</sup>Restoring consumers services.

<sup>3</sup>No revenue. Leased to Midway Gas Company.



OPERATING EXPENSES CLASS "A" GAS CORPORATIONS.

Repairs to buildings and general structures	37 58	640 74	503 73	491 32		14 93																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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<sup>41</sup>Credit item. *Class expenses, Credits.*



<b>Other Operating Expenses.</b>									
Residual expenses	.....								\$100,903 02
Steam sales expenses	.....								.....
Total other operating expenses	.....								\$100,903 02
<b>Taxes.</b>									
Taxes	.....	\$0,493 81	\$0,705 75	\$11,001 28	\$0,772 70	\$442,300 94	\$493 04	\$435,000 53	\$5,907 54
<b>General</b>									
Amortization	.....		\$29 32	.....	.....	.....	.....	.....	.....
Depreciation	.....		.....	.....	.....	.....	.....	.....	.....
Depreciation	.....		6,061 35	.....	.....	\$45,271 07	.....	\$105,067 00	.....
Depreciation	.....		226 05	.....	.....	877 06	.....	254,589 33	.....
Depreciation	.....		11,482 73	.....	.....	170,634 01	.....	.....	.....
Depreciation	.....		1,300 05	.....	.....	18,035 10	.....	.....	.....
Total general amortization of capital	.....		\$10,100 01	\$12,492 97	\$24,400 00	\$220,717 84	.....	\$359,656 92	\$27,269 18
<b>Recapitulation of Expenses.</b>									
Production expenses	.....	\$90,064 85	\$107,208 90	\$110,423 24	\$58,291 66	\$2,453,505 62	\$5,066 27	\$961,706 20	\$5,038 25
Transmission expenses	.....	8,546 97	5,446 84	4,598 83	4,334 56	1,300 00	3,120 15	264,728 70	87 81
Distribution expenses	.....	12,361 42	11,229 92	7,023 14	6,660 42	294,338 86	1,651 85	34,153 03	13,005 55
Commercial expenses	.....	6,994 13	15,506 51	9,371 96	12,476 07	420,079 80	1,393 93	83,081 74	4,396 64
General and miscellaneous expenses	.....	14,205 21	13,063 63	9,559 05	3,764 38	273,670 86	635 47	83,651 57	10,097 13
Other operating expenses	.....					161,216 53	.....	.....	.....
Taxes	.....	9,493 34	6,705 76	11,961 28	9,772 70	442,300 94	489 64	435,000 53	5,967 54
General amortization of capital	.....		10,100 01	12,492 97	4,400 00	229,717 84	.....	359,656 92	7,269 18
Total operating expenses	.....	\$147,685 73	\$173,441 26	\$165,450 45	\$97,800 81	\$4,276,039 80	\$13,045 32	\$1,862,589 08	\$95,852 11
	.....								\$0,551,904 05

Credit item.

Not segregated.









Taxes.		Taxes.	
General	\$17,185 43	\$89,710 12	\$12,060 15
Amortization	.....	.....	.....
Depreciation	.....	.....	.....
Depreciation	\$10,535 64	.....	\$3,212 11
Depreciation	.....	.....	480 19
Depreciation	.....	.....	17,744 73
Depreciation	11,640 36	.....	205 31
Depreciation	618 53	.....	.....
Total general amortization of capital	\$22,604 80	\$80,000 00	\$21,622 94
Recapitulation of Expenses.			
Production expenses	\$117,959 03	\$601,577 45	\$121,756 37
Transmission expenses	.....	16,316 25	3,286 33
Distribution expenses	12,728 71	93,144 84	22,543 76
Commercial expenses	11,276 53	42,859 67	14,197 23
General and miscellaneous expenses	16,091 48	53,238 87	16,827 18
Other operating expenses	.....	4,387 26	.....
Taxes	17,185 43	89,710 13	12,060 15
General amortization of capital	22,604 80	60,060 00	21,622 94
Total operating expenses	\$197,935 53	\$953,314 47	\$211,094 36

**"For 6 months only."**

\*Not segregated.

\*Various utilities not segregated segregating \$943,807.29.

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "B" GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Coast Valleys Gas and Electric Company	Hanford Gas and Power Company	Producers Gas and Fuel Company	River Bend Gas and Water Company	Turlock Gas Company	West Side Natural Gas Company	Total
<i>Production Expenses.</i>							
Oil	\$3,764 19	\$1,250 00		\$375 00			\$5,389 19
Gas	1,108 85	2,760 09		5,483 10	\$2,286 92		11,639 06
Electric	17,809 26	3,006 00		9,187 61	2,295 55		32,897 34
	190 76			35,345 29	219 12		35,755 17
	29,424 03	16,243 50			9,008 74		65,276 27
	8,116 91	601 93	\$17,408 07	509 41	1,050 50	\$19,009 01	7,372 75
							36,507 08
Repairs to miscellaneous production equipment	109 66	148 25		606 00	13 50		987 41
	930 92	769 01		2,201 92	359 21		4,260 06
	1,836 95	2,006 14		1,305 36	77 85		5,416 30
	2,622 85			4 33			2,627 18
Total production expenses	\$72,715 40	\$37,682 92	\$17,408 07	\$55,291 93	\$15,911 39	\$19,009 01	\$208,108 71
<i>Transmission Expenses.</i>							
Transmission pumping		\$602 59		\$4,300 87			\$4,949 00
General labor and supplies				112 95			112 95
Repairs to mains and structures				331 29			331 29
Repairs to transmission equipment				42 65			42 65
Total transmission expenses		\$602 59		\$4,647 76			\$5,436 89
<i>Distribution Expenses.</i>							
Gas	\$954 74	\$1,075 00	\$1,501 52	\$883 30	\$483 33	\$2,787 64	\$8,202 20
	2,441 18	2,981 80	359 64	314 45		4,138 34	10,718 74
	38 64		378 10	60 40		625 00	1,061 50
	1,524 95		16 76	13 60			69 00
Electric				44 11			44 11
				2,436 58	1,194 81		5,380 89
				221 68			221 68
	59 44		361 26				2,842 30
	2,061 72	397 96	7 36	629 67	238 47	1,983 11	3,440 88
	784 05	802 65	151 16	968 58	283 97	60 20	5,499 15
	24 35				810 06	1,902 03	24 35
	29 62						29 62
	19 27			11 50	7 38		38 15
Total distribution expenses	\$7,937 97	\$5,267 41	\$2,948 06	\$5,573 87	\$3,018 62	\$13,073 06	\$37,809 01



TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1928.

	Central Natural Gas Company	Fowler Gas Company	Madera Gas Company	Napa Valley Electric Company	Needles Gas and Electric Company
Production expenses and repairs to capital.....	\$115 70	\$3,568 01	\$12,531 12	\$4,000 02	\$16,065 63
Transmission expenses and repairs to capital.....	617 72	416 91	2,281 20	1,074 84	1,240 53
expenses.....	600 00	441 93	2,167 50	716 31	716 31
adjustments.....	2,400 00	.....	1,207 60	317 44	840 00
.....	149 70	.....	1,978 03	236 69	2,237 13
.....	.....	.....	74 08	.....	.....
Taxes.....	558 46	247 38	1,970 55	300 00	1,163 83
Depreciation, etc.....	480 00	.....	3,065 07	.....	1,516 88
Total operating expenses.....	\$5,051 00	\$4,674 23	\$25,265 15	\$6,017 99	\$24,780 29

	Oakdale Gas Company	Rochester Oil Company	Twin Cities Gas Company	Utah Gas Company	Valley Natural Gas Company <sup>1</sup>	Total
.....	\$10,780 53	\$50 50	\$7,833 32	\$5,394 97	.....	\$30,398 79
.....	.....	628 71	1,509 54	.....	.....	2,138 25
expenses.....	2,336 12	795 14	1,203 79	1,798 32	.....	11,764 56
.....	.....	71 70	424 83	.....	.....	4,452 28
adjustments.....	2,262 10	186 35	.....	.....	.....	7,213 49
.....	945 91	33 85	736 56	.....	\$300 00	7,306 88
.....	.....	.....	.....	.....	.....	74 08
.....	1,106 40	202 24	679 21	775 15	.....	7,103 24
.....	.....	1,851 46	.....	1,000 00	.....	7,853 41
Total operating expenses.....	\$17,101 06	\$3,818 96	\$12,357 25	\$8,963 44	\$300 00	\$108,364 94

<sup>1</sup>Leased to Midway Gas Company.

TABLE NO. 5.  
STATEMENT OF MISCELLANEOUS STATISTICS OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Central Counties Gas Company	Central Natural Gas Company	Citrus Belt Gas Company	Coast Counties Gas and Electric Company	Coast Valleys Gas and Electric Company	Contra Costa Gas Company	Fowler Gas Company	Hamford Gas and Power Company
<i>Generating Plants.</i>								
Natural.....	.....	1	.....	.....	.....	.....	.....	.....
Oil.....	1	.....	8	8	.....	2	1	1
Water.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	1	1	8	8	4	2	1	1
<i>Generating Plants—24 Hour Capacity—Cubic Feet.</i>								
Natural.....	.....	1	.....	.....	.....	.....	.....	.....
Oil.....	600,000	.....	1,283,000	.....	440,000	960,000	80,000	360,000
Water.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	600,000	.....	1,283,000	.....	440,000	960,000	80,000	360,000
<i>Storage Holders.</i>								
Number.....	4	.....	7	20	3	8	1	2
Capacity—cubic feet.....	200,000	.....	220,000	204,000	140,000	115,050	30,000	130,000
<i>Gas Available.</i>								
Total production—cubic feet.....	132,883,600	1	122,963,100	134,558,600	85,255,855	90,164,800	3,220,000	36,025,300
Gas purchased—cubic feet.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	132,883,600	.....	122,963,100	134,558,600	85,255,855	90,164,800	3,220,000	36,025,300
Gas sold—cubic feet.....	91,998,100	14,753,900	99,157,900	97,868,900	65,898,687	62,586,200	2,465,000	28,046,900
Gas unaccounted for—cubic feet.....	40,885,500	.....	23,805,200	36,689,700	19,357,168	27,578,600	755,000	7,978,400
Miles of high pressure mains.....	44.27	.....	3	.....	3.14	58.375	.....	4.1
Miles of low pressure mains.....	60.36	1.38	117.81	74.6	54.06	.6	4.52	13.5
Number of consumers.....	3,231	408	4,031	4,192	2,717	2,532	105	1025
Number of services.....	3,276	408	6,956	5,277	2,889	2,516	165	1,048

1No record.

TABLE NO. 5—Continued  
STATEMENT OF MISCELLANEOUS STATISTICS OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Los Angeles Gas and Electric Corporation	Madera Gas Company	Midland Counties Public Service Corporation	Midway Gas Company	Modesto Gas Company	Napa Valley Electric Company	Needles Gas and Electric Company	Oakdale Gas Company
<i>Generating Plants.</i>								
Natural.....	20	1	2		2	2	2	1
Oil.....	4							
Water.....								
Totals.....	24	1	2		2	2	2	1
<i>Generating Plants—24 Hour Capacity—Cubic Feet.</i>								
Natural.....	32,450,000	384,000	320,000		900,000		216,000	100,000
Oil.....	1,440,000							
Water.....								
Totals.....	33,890,000	384,000	320,000		900,000		216,000	100,000
<i>Storage Holders.</i>								
Number.....	8	1	2		3	1	2	1
Capacity—cubic feet.....	14,950,377,000	20,000	38,000		370,000	8,000	40,000	30,000
<i>Gas Available.</i>								
Total production—cubic feet.....	3,597,710,000	15,624,309	72,504,100		65,919,000	2,390,650	9,075,100	9,029,200
Gas purchased—cubic feet.....	4,457,532,000			29,096,460				
Totals.....	8,055,242,000	15,624,309	72,504,100	29,096,460	65,919,000	2,390,650	9,075,100	9,029,200
Gas sold—cubic feet.....	7,196,406,000	14,214,839	44,489,559	27,444,579	62,210,000	1,514,900	9,075,100	9,029,200
Gas unaccounted for—cubic feet.....	858,836,000	1,409,470	28,014,541	1,651,881	3,709,000	875,750		
Miles of high pressure mains.....	762.64		47.20					61.126
Miles of low pressure mains.....	791.18	12	16.472	364.6148	22.55	8	110.25	38.292
Number of consumers.....	169,164	535	630	311	1,900	117	527	426
Number of services.....	135,143	535	658	586	2,001			544

TABLE NO. 5—Continued.  
STATEMENT OF MISCELLANEOUS STATISTICS OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Pacific Gas and Electric Company	Producers Gas and Fuel Company	River Bend Gas and Water Company	Rochester Oil Company	Sacramento Gas Company	San Diego Consolidated Gas and Electric Company	San Joaquin Light and Power Corporation	Santa Maria Gas Company	Santa Maria Gas and Power Company
<i>Generating Plants.</i>									
Natural.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oil.....	53	.....	3	.....	2	5	4	.....	.....
Water.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Totals.....	53	.....	3	.....	2	7	4	.....	.....
<i>Generating Plants—24 Hour Capacity— Cubic Feet.</i>									
Natural.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oil.....	71,806,000	.....	450,000	.....	1,350,000	4,150,000	3,275,000	.....	.....
Water.....	.....	.....	.....	.....	.....	1,900,000	.....	.....	.....
Totals.....	71,806,000	.....	450,000	.....	1,350,000	6,050,000	3,275,000	.....	.....
<i>Storage Holders.</i>									
Number.....	49	.....	1	1	8	5	5	2	1
Capacity—cubic feet.....	19,097,420,000	.....	40,000	20,000	650,000	2,682,000	290,000	300,000	100,000
<i>Gas Available.</i>									
Total production—cubic feet.....	12,229,026,000	.....	53,499,500	1,069,900	210,007,900	1,249,577,000	39,100,000	.....	.....
Gas purchased—cubic feet.....	.....	337,920	.....	.....	.....	.....	645,650,000	251,163,234	164,311,500
Totals.....	12,229,026,000	337,920	53,499,500	1,069,900	210,007,900	1,249,577,000	684,750,000	251,163,234	164,311,500
Gas sold—cubic feet.....	10,699,490,000	338,099	46,776,100	565,900	191,891,200	1,006,705,200	499,370,000	184,554,050	139,842,550
Gas unaccounted for—cubic feet.....	1,539,546,000	.....	6,723,400	504,000	18,116,700	242,871,900	185,380,000	66,609,184	24,468,950
Miles of high pressure mains.....	600.89	6,4702	56,598	15,000	.....	290.1	61,338	98.5	62
Miles of low pressure mains.....	2,405.11	.....	8,479	.....	69,563	242.8	86,306	108.75	43.25
Number of consumers.....	286,542	102	1,561	95	7,209	27,188	7,030	3,675	2,925
Number of services.....	224,639	112	1,896	216	7,672	26,885	6,893	3,729	2,794



TABLE NO. 5—Concluded.  
STATEMENT OF MISCELLANEOUS STATISTICS OF GAS CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Southern California Gas Company	Southern Counties Gas Company of California	Turlock Gas Company	Twin Cities Gas Company	Utah Gas Company	Valley Natural Gas Company <sup>1</sup>	West Side Natural Gas Company	Western States Gas and Electric Company	Total
<i>Generating Plants.</i>									
Natural.....	.....	.....	.....	.....	.....	.....	.....	13	14
Oil.....	2	7	1	2	1	.....	.....	6	141
Water.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Totals.....	2	7	1	2	1	.....	.....	19	161
<i>Generating Plants—24 Hour Capacity—Cubic Feet</i>									
Natural.....	.....	.....	.....	.....	.....	.....	.....	450,000	450,000
Oil.....	35,100,000	3,280,000	14,400	70,000	60,000	.....	.....	3,050,000	160,698,400
Water.....	.....	.....	.....	.....	.....	.....	.....	.....	3,340,000
Totals.....	35,100,000	3,280,000	14,400	70,000	60,000	.....	.....	3,500,000	164,488,400
<i>Storage Holders</i>									
Number.....	8	19	1	2	1	.....	.....	5	171
Capacity—cubic feet.....	5,095,000,000	4,180,000,000	30,000	20,000	20,000	.....	.....	1,100,000	50,119,847
<i>Gas Available.</i>									
Total production—cubic feet.....	1,181,188,000	7,562,959,000	20,481,800	6,580,600	3,577,500	.....	.....	481,350,844	2,848,968,222,800
Gas purchased—cubic feet.....	7,144,001,000	.....	.....	.....	.....	.....	188,580,000	.....	1,102,349,227,600
Totals.....	8,325,189,000	7,562,959,000	20,481,800	6,580,600	3,577,500	.....	188,580,000	481,350,844	3,951,317,449,800
Gas sold—cubic feet.....	7,192,985,000	5,997,869,000	20,481,800	5,239,600	3,213,740	.....	144,929,000	417,091,800	3,142,845,007,700
Gas unaccounted for—cubic feet.....	1,132,204,000	1,565,090,000	.....	1,341,000	363,760	.....	43,651,000	64,259,044	808,487,375,000
Miles of high pressure mains.....	862,5206	786.65	.....	6	.....	.....	6.5	4.32	3,841.2318
Miles of low pressure mains.....	146.3768	223.43	14.108	7	11	.....	15.25	162.51	5,234.1216
Number of consumers.....	56,500	73,322	820	300	385	.....	2,372	11,604	673,471
Number of services.....	55,831	57,000	850	350	461	.....	2,372	.....	553,722

<sup>1</sup>Leased to Midway Gas Co.  
<sup>2</sup>Unknown. No record.

TABLE NO. 1.

## ABSTRACT OF BALANCE SHEETS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1930.

	Altura Electric Power Company	Amador Electric Light and Power Company	Bay Point Light and Power Company	California Oregon Power Company <sup>1</sup>	California Telephone and Light Company <sup>2</sup>	Coast Counties Gas and Electric Company <sup>3</sup>	Coast Valleys Gas and Electric Company <sup>4</sup>	California Electric Generating Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$314,344 71	.....	\$8,250 00	\$13,400,769 51	\$1,210,394 90	\$2,578,643 20	\$1,012,401 30	\$4,389,185 80
Fixed capital installed since December 31, 1912.....	13,369 56	\$172,858 16	37,227 31	4,116,886 85	560,952 17	545,401 66	605,321 22	79,304 44
Total fixed capital.....	\$327,714 27	\$172,858 16	\$45,477 31	\$17,517,656 36	\$1,771,347 07	\$3,124,043 86	\$1,617,722 52	\$4,468,490 24
Cash and deposits.....	1,838 65	2,580 01	2,308 72	22,223 88	25,550 09	20,451 40	103,140 29	3,195 87
Notes receivable.....	391 05	1,406 35	.....	.....	240 73	925 00	.....	.....
Accounts receivable.....	7,152 49	7,885 79	3,329 95	402,942 12	33,339 13	73,112 24	86,509 70	59,987 66
Other current assets.....	15,387 51	75 80	.....	.....	5,480 00	.....	620 00	1,847 98
Investments.....	.....	.....	.....	171,886 82	.....	874,418 96	11,379 00	.....
Treasury securities.....	.....	.....	.....	1,717,000 00	.....	.....	6,000 00	.....
Working assets.....	2,767 68	11,593 57	143 00	162,568 52	40,077 09	252,879 87	76,558 03	146 20
Prepaid expenses.....	100 49	28 50	.....	6,429 45	453 70	5,649 81	1,418 54	.....
Unamortized discount on securities and expenses.....	5,631 39	.....	8,560 00	.....	43,511 49	26,125 93	4,353,269 09	4,348,700 00
Miscellaneous.....	533 56	.....	.....	11,321,136 14	8,530 92	.....	.....	.....
Corporate deficit.....	.....	.....	.....	782,453 12	.....	.....	.....	.....
Totals.....	\$361,218 02	\$194,427 18	\$57,788 96	\$22,174,353 42	\$1,928,870 23	\$4,377,805 06	\$4,737,417 87	\$8,782,399 05
<i>Liabilities.</i>								
Capital stock.....	\$350,000 00	350,000 00	350,000 00	\$10,000,000 00	\$1,108,736 86	\$2,167,269 50	\$5,000,000 00	\$7,550,000 00
Preferred debt.....	51,000 00	60,000 00	.....	5,583,000 00	557,900 00	1,639,000 00	1,082,000 00	973,000 00
Assessment.....	.....	.....	.....	538,230 00	.....	.....	.....	.....
Notes payable.....	12,045 00	.....	.....	283,263 96	.....	13,800 00	61,806 43	.....
Accounts payable.....	3,584 92	3,415 54	2,203 31	823,773 28	47,981 08	88,783 25	126,419 05	.....
.....	3,147 53	2,080 20	.....	1,439,388 49	14,638 57	28,224 58	25,048 88	39,703 66
.....	15,822 97	38,030 13	1,526 02	805,004 05	74,293 80	200,281 43	150,652 47	.....
31, 1912, in fixed capital.....	13,369 56	.....	3,516 94	.....	.....	.....	.....	.....
.....	.....	.....	.....	51,706,457 10	.....	.....	.....	.....
.....	112 40	.....	500 00	1,183,306 54	3,398 44	4,700 21	49,280 00	.....
.....	1,394 54	7,901 31	241 80	.....	122,031 72	164,496 09	231,012 08	269,006 96
Totals.....	\$361,218 02	\$194,427 18	\$57,788 96	\$22,174,353 42	\$1,928,870 23	\$4,377,805 06	\$4,737,417 87	\$8,782,399 05

<sup>1</sup>Includes water operations.<sup>2</sup>Includes \$1,151,000 bond security deposit.<sup>3</sup>Includes \$1,151,000 underlying bonds.<sup>4</sup>Includes telephone operations.<sup>1</sup>Includes gas operations.<sup>2</sup>Includes \$500,500 installments on stock subscriptions.<sup>3</sup>Includes gas and water.

TABLE NO. 1—Continued.

## ABSTRACT OF BALANCE SHEETS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Dal Monte Light and Power Company	Fontana Power Company	Port Bragg Electric Company	Great Western Power Company of California	Holton Power Company	Laurel Electric Company	Lompoc Light and Power Company	Los Angeles Gas and Electric Corporation <sup>1</sup>
Fixed capital installed prior to January 1, 1913.	\$32,910 25	\$338,525 05	\$126,728 37	\$48,982,125 16	\$1,001,830 97	\$50,687 94	\$20,034 28	
Fixed capital installed since December 31, 1913.			3,453 77	10,510,126 25		20,789 21	7,926 67	
Total fixed capital.	\$32,910 25	\$338,525 05	\$130,182 14	\$59,492,251 41	\$1,001,830 97	\$71,477 15	\$27,960 95	
Cash and deposits.		14,802 44	3,664 86	1,547,720 01	58,476 35		457 30	
Notes receivable.				264,217 35	103 44			
Accounts receivable.	1,206 06		57,820 07	1,162,063 34	188,982 50	2,120 86	2,259 08	
Other current assets.				433 23				
Investments.		57,830 06	5,200 00	1,514,385 07	201,609 30			
Treasury securities.			26,500 00	5,759,700 00	300,000 00			
Working assets.	2,245 58		5,715 40	539,875 34	104,402 90	304 54	772 96	
Prepaid expenses.	125 57		269 76	191,519 46	3,479 26	49 82	34 43	
Unamortized discount on securities and expenses.		33,545 80		2,164,487 31	708,102 96			
Miscellaneous.				12,047,338 28	156,237 64			
Corporate deficit.					140,479 92		8,732 06	
Totals.	\$38,406 44	\$454,903 25	\$229,452 23	\$84,705,013 00	\$3,465,756 13	\$92,952 37	\$30,134 90	
Notes.	\$25,000 00	\$10,500 00	\$100,000 00	\$39,418,084 21	\$1,280,000 00	\$35,000 00	\$27,150 00	
		350,000 00	44,000 00	45,378,500 00	950,000 00			
			40,800 00	2,321,335 79	8,001 99	19,000 00	2,797 65	
		51,304 83		1,035,344 88	792,604 25	1,646 91	15,000 00	
		13,179 29	3,054 87	1,151,781 85	25,792 90	1,268 64	1,290 00	
	1,147 56	28,339 43	33,073 54	1,168,300 12	304,839 11	22,016 98	1,382 85	
or 31, 1912, in fixed capital.							1,514 40	
Corporate surplus.								
	1,206 06	1,680 00		110,000 00	133,857 88			
	9,143 82		8,823 82	4,123,876 14		14,019 84		
Totals.	\$38,406 44	\$454,903 25	\$229,452 23	\$84,705,013 00	\$3,465,756 13	\$92,952 37	\$30,134 90	

<sup>1</sup>See gas table.

TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Mendocino Electric Light and Power Company	Middle Yuba Hydro- electric Power Company	Midland Counties Public Service Corporation <sup>1</sup>	Mountain Light and Water Company <sup>2</sup>	Mt. Whitney Power and Electric Company <sup>3</sup>	Mt. Shasta Power Corporation	Napa Valley Electric Company <sup>4</sup>	Needles Gas and Electric Company <sup>5</sup>
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$27,402 38	\$79,109 60	\$1,679,563 92				\$100,261 64	\$149,106 47
Fixed capital installed since December 31, 1912.....	7,923 04	7,326 59	748,857 26			\$10,002,069 06	51,471 62	67,066 75
Total fixed capital.....	\$35,325 42	\$86,436 19	\$2,428,421 18			\$10,002,069 06	\$151,733 26	\$216,172 22
Cash and deposits.....	52 09	4,787 74	9,632 25			7,180 64	1,441 69	72,566 37
Notes receivable.....			100,316 15					
Accounts receivable.....	4,654 54	192 24	76,806 15		\$3,266,833 16	16,115 09	7,104 14	13,137 73
Other current assets.....								
Investments.....			158,383 81					
Treasury securities.....	10,000 00	248,400 00						30,000 00
Working assets.....		2,185 50	84,892 63			18,072 95	1,601 20	7,571 32
Prepaid expenses.....			1,668 54			921 75		
Unamortized discount on securities and expenses.....			43,889 48		255,205 31			
Miscellaneous.....		2,848 02	337,995 70			3,504,490 07		1,400 18
Corporate deficit.....		169,489 57	25,006 73					
Totals.....	\$50,032 05	\$514,339 26	\$3,267,014 62		\$3,522,038 47	\$13,548,839 56	\$161,880 29	\$265,715 08
<i>Liabilities.</i>								
Capital stock.....	\$25,000 00	\$400,000 00	\$1,000,500 00			\$10,000,000 00	\$59,300 00	\$100,000 00
Funded debt.....			757,000 00				40,000 00	100,000 00
Assessment.....			200,100 00					
Notes payable.....		99,239 20	835,420 29			97,039 87	9,500 00	13,950 90
Accounts payable.....	994 47	1,841 22	231,617 40			3,444,845 69	22,344 73	14,416 98
Interest and taxes accrued.....	187 60	13,258 84	11,477 69			4,851 99		1,573 60
Reserves.....			230,681 67				6,770 43	26,894 76
Income invested since December 31, 1912, in fixed capital.....								
Appreciation of fixed capital.....								
Miscellaneous.....			217 57					
Corporate surplus.....	23,849 98				697,038 47	2,102 01	23,965 13	8,873 84
Totals.....	\$50,032 05	\$514,339 26	\$3,267,014 62		\$3,522,038 47	\$13,548,839 56	\$161,880 29	\$265,715 08

<sup>1</sup>Includes gas and water operations.

<sup>2</sup>See water table.

<sup>3</sup>Sold to Southern California Edison Company, June 30, 1920.

<sup>4</sup>Southern California Edison Company purchase account.

<sup>5</sup>Includes gas operations.

<sup>6</sup>Includes gas and telephone operations.

<sup>7</sup>Credit item.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Novato Utilities Company <sup>1</sup>	Ojai Power Company	Ontario Power Company	Pacific Gas and Electric Company <sup>2</sup>	Piedmont Light and Power Company	Plumas Light and Power Company	San Diego Consolidated Gas and Electric Company <sup>3</sup>	San Joaquin Light and Power Corporation <sup>4</sup>
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$11,648 38	\$33,820 71	\$584,041 72	\$108,480,884 44	\$8,573 31	\$10,479 00	\$5,709,830 82	\$22,387,796 09
Fixed capital installed since December 31, 1912.....	20,025 84	13,189 42	464,083 23	46,673,827 69	7,026 19	14,919 74	4,598,697 77	5,623,866 92
Total fixed capital.....	\$40,672 22	\$47,010 13	\$1,028,124 94	\$155,154,712 13	\$15,599 50	\$25,398 74	\$10,308,528 59	\$30,991,663 01
Cash and deposits.....	709 48	9,748 70	2,063 59	2,151,482 83	2,421 91	37 48	129,337 30	399,729 62
Notes receivable.....	.....	.....	.....	186,458 68	.....	.....	202,002 46	561,350 20
Accounts receivable.....	1,178 67	.....	30,736 37	4,238,859 90	2,112 83	272 24	273,797 65	1,517,786 63
Other current assets.....	.....	.....	4,960 00	63,006 17	.....	.....	4,800 38	.....
Investments.....	.....	.....	10,074 25	6,474,806 70	.....	.....	16,050 00	403,663 60
Treasury securities.....	.....	.....	.....	17,341,300 00	.....	484,153 00	688,000 00	660,326 00
Working assets.....	3,347 10	1,197 84	24,765 01	11,818,477 16	.....	223 25	415,285 41	1,792,017 55
Prepaid expenses.....	.....	146 82	200 56	34,624 22	.....	.....	6,269 17	20,087 73
Unamortized discount on securities and expenses.....	.....	.....	.....	10,622,887 60	.....	20,823 95	672,206 80	2,327,652 91
Miscellaneous.....	.....	.....	.....	6,619,139 43	.....	.....	231,241 09	10,840,985 24
Corporate deficit.....	.....	.....	267 37	.....	.....	36,845 65	.....	.....
Totals.....	\$46,907 47	\$58,103 19	\$1,101,206 09	\$213,725,554 72	\$18,134 24	\$517,763 31	\$12,945,418 64	\$49,806,461 49
<i>Liabilities.</i>								
Capital stock.....	.....	.....	.....	.....	.....	.....	.....	.....
Funded debt.....	.....	.....	.....	.....	.....	.....	.....	.....
Assessment.....	.....	.....	.....	.....	.....	.....	.....	.....
Notes payable.....	4,050 00	.....	10,000 00	196,826 82	.....	16,734 36	337,169 07	2,268,997 18
Accounts payable.....	8,677 11	6,342 54	20,034 20	3,475,075 34	.....	2,018 85	321,340 66	2,007,033 89
Interest and taxes accrued.....	47 75	.....	4,391 87	2,921,745 33	.....	.....	229,261 71	439,805 08
Reserves.....	6,325 36	1,675 93	73,932 06	13,506,901 64	6,487 79	.....	756,702 92	2,879,607 18
Income invested since December 31, 1912 in fixed capital.....	6,475 50	.....	.....	.....	.....	.....	.....	.....
Appreciation of fixed capital.....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous.....	.....	.....	1,500 93	550,994 27	.....	.....	25,767 87	321,259 98
Corporate surplus.....	331 75	1,684 72	141,337 05	5,439,928 32	9,673 72	.....	50,866 41	1,714,335 58
Totals.....	\$46,907 47	\$58,103 19	\$1,101,206 09	\$213,725,554 72	\$18,134 24	\$517,763 31	\$12,945,418 64	\$49,806,461 49

<sup>1</sup>Includes water and<sup>2</sup>Includes gas, water,<sup>3</sup>Includes \$1,281,400<sup>4</sup>Includes gas operations.<sup>5</sup>Includes gas and water operations.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Santa Barbara Electric Company	Santa Cruz County Utilities <sup>1</sup>	Snow Mountain Water and Power Company	Southern California Edison Company <sup>1</sup>	The Southern Sierras Power Company	Surprise Valley Electric Light and Power Company	The Truckee Electric Light and Power Company	Tuolumne County Electric Power and Light Company
Fixed capital installed prior to January 1, 1913.....	\$956,720 37	\$81,629 51	\$5,324,641 59	\$21,536,860 04	\$3,081,758 49	\$15,969 95	\$18,945 00	\$43,182 42
Fixed capital installed since December 31, 1912.....	683,636 87	68,304 47	138,060 43	61,604,891 47	4,343,765 74	3,466 14	3,323 23	14,453 29
Total fixed capital.....	\$1,640,357 24	\$149,933 98	\$5,462,702 02	\$83,141,751 51	\$7,425,524 23	\$19,436 09	\$22,268 23	\$57,640 71
Cash and deposits.....	17,620 28	316 50	11,359 63	966,769 31	189,519 45	1,935 72	702 69	1,894 81
Notes receivable.....				37,290 29	18,191 41			
Accounts receivable.....	172,405 10	2,137 55	21,474 75	3,898,965 55	1,109,376 00	404 70		5,714 92
Other current assets.....				16 68	123 97			
Investments.....	5,000 00			3,473,537 69				
Treasury securities.....			978,000 00			9,600 00	1,000 00	
Working assets.....	28,589 72	203 00		2,840,930 42	431,144 18	511 51	1,000 00	5,647 05
Prepaid expenses.....	5,969 26		100 00	870,263 00	4,950 62			631 27
Unamortised discount on securities and expenses.....	86,245 14		185,722 72	4,460,330 74	5,595,027 70			952,073 30
Miscellaneous.....	45,411 71		1,101,060 10	22,449,359 49	692,020 88			
Corporate deficit.....			141,635 75					
Totals.....	\$2,001,598 45	\$152,591 03	\$7,902,044 97	\$122,139,204 68	\$15,465,878 44	\$31,888 02	\$24,970 92	\$1,023,602 06
Liabilities.								
Capital stock.....	\$800,900 00	\$57,000 00	\$6,500,000 00	\$35,780,972 14	\$5,000,000 00	\$25,000 00	\$10,000 00	\$1,000,000 00
Funded debt.....	760,700 00	50,000 00	1,152,000 00	63,054,000 00	6,078,500 00			
Assessment.....								
Notes payable.....	265,000 00			7,391,582 74	19,000 00			
Accounts payable.....	20,357 26	4,635 10	239 52	3,822,461 82	3,639,128 12	1,103 93		4,815 87
Interest and taxes accrued.....	8,633 34	708 75	23,865 33	1,894,169 54	57,466 80	151 67		
Reserves.....	116,954 79	1,600 00	225,940 12	7,793,611 90	397,167 83	1,112 77		15,106 03
Income invested since December 31, 1912, in fixed capital.....						3,466 14		
Appreciation of fixed capital.....		19,159 13						
Miscellaneous.....				\$1,152,108 37	81,154 73		450 00	
Corporate surplus.....	29,053 06	19,489 06		1,260,298 17	193,460 97	1,063 51	14,520 92	3,680 16
Totals.....	\$2,001,598 45	\$152,591 03	\$7,902,044 97	\$122,139,204 68	\$15,465,878 44	\$31,888 02	\$24,970 92	\$1,023,602 06

<sup>1</sup>Includes water operations.  
<sup>2</sup>Includes \$79,700.14 installments on stock subscription.  
<sup>3</sup>Includes \$1,150,000 Shaver Lake Bond Guarantees.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1930.

	United Light, Fuel and Power Company	Universal Electric and Gas Company	Yosemite Water and Power Company <sup>1</sup>	Vallejo Electric Light and Power Company	Wauwville Electric Company	Western States Gas and Electric Company <sup>2</sup>	Total
<i>Assets</i>							
Fixed capital installed prior to January 1, 1913.	\$47,792 23	\$1,229,885 00		\$126,908 54	\$14,564 41	\$90,340,006 97	\$253,240,876 86
Fixed capital installed since December 31, 1912.	38,287 38	1,261,211 18	\$73,294 00	163,036 34	84 00	3,756,548 65	162,138,291 02
Total fixed capital.	\$86,079 60	\$2,491,096 18	\$73,294 00	\$290,944 88	\$14,638 41	\$13,096,555 62	\$415,379,166 88
Cash and deposits.	3,391 42	15,590 99	1,144 03	885 94	324 67	105,684 82	5,839,301 27
Notes receivable.		2,000,000 00		141 75		1,983 86	3,395,019 52
Accounts receivable.	12,472 29	77,940 45	1,297 34	35,213 61		260,537 42	17,116,188 91
Other current assets.	245 63	32,459 13		6,008 82		23 00	140,111 89
Investments.	130,000 00			13,675 75		31,085 00	12,567,313 51
Treasury securities.			6,000 00		6,000 00		30,144,778 00
Working assets.		36,416 20	1,864 89	26,050 34		\$1,923,920 00	19,119,942 83
Prepaid expenses.	116 66	4,390 27		242 20		1,807 16	1,161,978 72
Unamortized discount on securities and expenses.		4,270,748 09	4,904 49			606,216 60	42,185,859 16
Miscellaneous.	759 06	6,318 25				51,429 30	59,420,704 46
Corporate deficit.	8,021 81						1,292,094 43
<b>Totals</b>	<b>\$241,106 47</b>	<b>\$8,934,059 86</b>	<b>\$88,494 75</b>	<b>\$382,164 29</b>	<b>\$19,963 08</b>	<b>\$16,466,467 76</b>	<b>\$607,763,089 76</b>
<i>Liabilities</i>							
Capital stock.							\$224,150,900 51
Funded debt.	\$207,000 00	\$6,000,000 00	\$75,000 00	\$100,000 00	\$15,000 00	\$94,216,500 00	267,978,100 00
Assessment.		2,500,000 00				8,629,500 00	742,127 65
Notes payable.		90,000 00	1,500 00	13,000 00		338,750 00	14,772,472 60
Accounts payable.	10,942 34	762,194 50	152 25	47,658 92		454,090 88	21,102,004 65
Interest and taxes accrued.	960 64	36,885 24		25,886 28		173,111 39	8,598,775 86
Reserves.	22,183 49	293,765 67	1,788 00	76,397 63		431,627 14	29,472,747 68
Income invested since December 31, 1912, in fixed capital.		252,124 16		44,139 01			278,352 30
Appreciation of fixed capital.							2,093,044 23
Miscellaneous.						45,708 25	3,721,036 95
Corporate surplus.			10,064 50	75,183 46	4,963 08	177,210 10	14,855,437 06
<b>Totals</b>	<b>\$241,106 47</b>	<b>\$8,934,939 56</b>	<b>\$88,494 75</b>	<b>\$382,164 29</b>	<b>\$19,963 08</b>	<b>\$16,466,467 76</b>	<b>\$607,763,089 76</b>

<sup>1</sup>Includes  
<sup>2</sup>Includes  
<sup>3</sup>Includes  
<sup>4</sup>Includes  
<sup>5</sup>Includes

as collateral on notes of \$1,398,000.

TABLE NO. 2.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920

	Alturas Electric Power Company	Amador Electric Light and Power Company	Bay Point Light and Power Company	California Oregon Power Company <sup>1</sup>	California Telephone and Light Company	Coast Counties Gas and Electric Company	Coast Valleys Gas and Electric Company	California Electric Generating Company <sup>2</sup>
Operating revenue	\$17,011 04	\$41,229 41	\$20,893 20	\$898,305 21	\$176,228 33	\$456,735 22	\$430,041 85	\$18,774 09
Operating expenses	10,389 27	31,581 58	23,021 95	481,073 35	120,026 48	300,595 07	320,343 00	
Net operating revenue	\$6,621 77	\$9,647 83	\$3,871 24	\$415,221 86	\$56,202 85	\$156,140 15	\$109,698 25	
Net operating loss				4,870 19	820 13	3,577 55	3,280 20	\$18,774 09
Nonoperating revenue		905 03						248,405 74
Gross corporate income	\$6,621 77	\$10,552 86	\$3,871 24	\$420,102 05	\$57,022 98	\$159,717 80	\$113,978 45	\$229,631 16
Gross corporate loss								
<i>Deductions.</i>								
Nonoperating revenue deductions		\$324 70		\$11 52	\$66 23	\$311 06	\$133 06	
Interest accrued on funded debt	\$3,660 00	3,600 00		344,027 61	22,627 90	\$1,580 00	\$1,501 59	\$48,649 99
Other interest deductions	831 88			29,993 72		615 06	569 28	
Rent deductions					391 07	3,450 70		
Miscellaneous deductions	305 01	555 75		7,051 85	1,751 03	6,019 85	1,752 44	
Total deductions <sup>4</sup>	\$4,896 89	\$4,480 45		\$401,084 71	\$24,846 33	\$91,937 56	\$44,001 36	\$48,649 99
Net corporate income for year	\$1,634 88	\$6,072 41	\$3,871 24	\$19,107 34	\$32,186 65	\$70,780 24	\$69,977 09	\$180,981 17
Net corporate loss for year								
	\$725 00	\$5,400 00	\$500 00	\$27,499 46	\$40,152 78	\$9,832 14	\$31,019 21	\$150,000 00
	4,835 88	100 00	3,516 06	\$7,892 10	755 23	\$10,716 76	16,651 73	1,915 56
	6,190 54	7,328 00	387 41	\$91,227 82	80,447 63	92,942 24	177,347 46	240,441 28
	1,234 54	7,901 31	241 80	782,453 12	123,031 72	164,496 09	231,612 03	269,606 99

<sup>1</sup>Includes Oregon business.<sup>2</sup>Includes water net loss.<sup>3</sup>Includes telephone net r<sup>4</sup>Includes gas net revenue<sup>5</sup>Includes gas net revenue<sup>6</sup>Leased to Great Western

78.

water net revenue of \$1,842.94.  
of California.



TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Del Monte Light and Power Company	Pontana Power Company	Fort Bragg Electric Company	Great Western Power Company of California	Holton Power Company	Lumen Electric Company	Lompoc Light and Power Company	Los Angeles Gas and Electric Corporation
Operating revenue.....	\$10,186 79	\$60,085 21	\$40,332 24	\$5,865,702 06	\$464,064 02	\$22,453 36	\$20,141 70	\$2,125,055 83
Operating expenses .. ..	7,080 32	38,813 97	38,720 44	2,966,076 82	532,781 00	17,512 13	16,373 56	1,620,590 95
Net operating revenue .....	\$2,186 47	\$22,142 24	\$1,612 80	\$2,899,626 16	\$131,283 02	\$5,941 23	\$3,768 14	\$515,064 88
Net operating loss.....		9 26	1,692 61	679,067 76	28,981 09	108 25		
Nonoperating revenue.....								
Gross corporate income.....	\$2,186 47	\$22,151 50	\$3,256 41	\$2,878,653 91	\$180,264 11	\$5,047 46	\$3,768 14	\$515,064 88
Gross corporate loss.....								
Deductions:								
Depreciation.....				\$26,566 39	\$22,553 72	\$7 06		
Taxes.....			\$674 80	1,901,197 06	58,478 16			
Interest.....		\$21,000 60	1,968 23	97,048 07	40,088 27	1,329 96	\$1,369 66	
Sinking fund.....		\$11 50		270,563 43	47 64			
Other.....			57 85	124,150 29	805 41	26 45	19 82	
Total deductions.....		\$21,311 50	\$2,918 98	\$2,419,625 24	\$122,060 20	\$1,364 36	\$1,379 49	
Net corporate income for year.....	\$2,186 47	\$940 00	\$436 43	\$1,159,168 07	\$38,213 91	\$4,683 12	\$2,488 65	\$515,064 88
Net corporate loss for year.....								
plus:								
Operating revenue.....	\$1,205 06		\$25 00	\$598,671 54		\$4,250 00		
Operating expenses.....	7,261 40		305 63	207,145 63	\$4,494 26			
Net operating loss.....		\$840 00	8,368 02	96,145 83	31,024 55	48 00		
Nonoperating revenue.....	801 01			3,451,189 21		19,634 72		
Gross corporate income.....	9,143 83		8,523 82	4,122,676 14	152,163 64	14,019 84	\$11,240 74	
Gross corporate loss.....					140,479 92		8,782 06	

<sup>1</sup>Transferred to gas table.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Mendocino Electric Light and Power Company	Middle Yuba Hydro-electric Power Company	Midland County Public Service Corporation	Mountain Light and Water Company <sup>a</sup>	Mt. Whitney Power and Electric Company <sup>a</sup>	Mount Shasta Power Corporation	Napa Valley Electric Company
Operating revenue .....	\$7,066 86	\$34,180 01	\$613,613 98	9636 23	\$690,410 93	\$6,744 02	\$38,046 02
Operating expenses .....	3,931 31	26,560 84	470,336 10	447 83	428,109 01	7,040 47	28,540 83
Net operating revenue .....	\$3,135 55	\$7,619 77	\$143,277 88	\$187 40	\$262,301 92	.....	\$9,505 20
Net operating loss .....	.....	.....	.....	.....	1,319 37	\$396 45	.....
Nonoperating revenue .....	.....	.....	22,940 02	.....	.....	2,398 46	90
Gross corporate income .....	\$3,135 55	\$7,619 77	\$166,218 90	\$187 40	\$263,621 29	\$2,102 01	\$9,595 10
Gross corporate loss .....	.....	.....	.....	.....	.....	.....	.....
Interest accrued on unpaid taxes .....	.....	.....	.....	.....	.....	.....	.....
Other interest deductions .....	.....	.....	\$48,596 00	.....	\$302 74	.....	.....
Rent deductions .....	.....	\$6,707 44	56,305 15	.....	102,990 00	.....	\$2,400 00
Miscellaneous deductions .....	.....	.....	2,356 68	.....	47,191 67	.....	570 60
Total deductions .....	.....	\$6,707 44	\$104,257 84	.....	1	.....	.....
Net corporate income for year .....	\$3,135 54	\$919 33	\$61,960 66	\$187 40	\$188,840 25	.....	\$2,970 00
Net corporate loss for year .....	.....	.....	.....	.....	\$104,780 94	\$2,102 01	\$4,636 10
.....	\$8,000 00	.....	.....	.....	.....	.....	.....
.....	66 85	.....	\$33,631 26	\$187 40	\$2,000 00	.....	.....
.....	23,183 29	.....	51,335 01	.....	590,197 53	.....	\$2,546 93
.....	23,849 98	\$170,401 00	.....	.....	697,038 47	\$2,102 01	10,975 95
.....	.....	100,489 57	26,006 73	.....	.....	.....	23,985 13

<sup>a</sup>Includes gas net loss of \$2,617.07 and water net loss of \$1,000.24  
 1, 1920.

May, June 20, 1920.

TABLE NO. 2.—Continued.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1929.

	Needles Gas and Electric Company	Novato Utilities Company	Qnai Power Company	Ontario Power Company	Pacific Gas and Electric Company	Pine Light and Power Company	Phumas Light and Power Company	San Diego Consolidated Gas and Electric Company
Operating revenue . . . . .	\$32,385 28	\$6,859 00	\$24,491 04	\$304,277 04	\$22,764,492 79	\$13,580 00	\$4,028 56	\$1,518,261 48
Operating expenses . . . . .	29,861 46	4,336 07	19,756 66	124,500 64	15,359,286 37	10,568 97	4,349 52	996,393 72
Net operating revenue . . . . .	\$2,523 82	\$2,522 93	\$4,734 38	\$179,677 50	\$7,405,206 42	\$2,991 03	...	\$521,867 76
Net operating loss . . . . .	...	...	60 00	1,726 61	910,077 08	19 24	\$220 96	...
Nonoperating revenue . . . . .	...	304 56	...	...	...	...	212 59	...
Gross corporate income . . . . .	\$2,523 82	\$2,827 41	\$4,794 38	\$181,404 11	\$8,315,881 48	\$3,010 87	...	\$521,967 76
Gross corporate loss . . . . .	...	...	...	...	...	...	...	...
Deductions . . . . .	...	...	...	...	...	...	...	...
Net corporate income for year . . . . .	\$4,200 00	...	...	\$19,670 00	\$27,371 41	...	...	...
Net corporate loss for year . . . . .	1,048 02	\$340 25	\$17 19	770 77	4,900,109 07	...	...	\$314,660 66
Dividends . . . . .	...	24 00	...	144 14	932,981 78	...	...	\$19,080 36
Surplus . . . . .	...	...	...	...	406,637 64	\$144 05	\$14 49	42,320 18
Total deductions . . . . .	\$6,249 02	\$364 34	\$17 19	\$20,584 91	\$6,289,206 49	\$144 65	\$14 48	\$538,100 69
Net corporate income for year . . . . .	\$2,724 20	\$3,473 07	\$4,777 19	\$60,819 20	\$2,029,684 96	\$2,866 22	...	\$183,867 13
Net corporate loss for year . . . . .	...	...	...	...	...	...	\$323 95	...
Dividends . . . . .	\$53,831 74	...	\$2,420 00	\$28,362 87	\$3,478,778 88	...	...	\$376,309 36
Surplus . . . . .	\$6,961 81	\$50 00	\$319 54	42 50	\$2,127,575 40	...	...	\$196,967 23
...	11,748 11	\$2,799 64	8,000 00	37 20	28,874 89	...	...	8,626 00
...	...	508 32	7,007 99	108,875 52	4,790,416 73	\$6,807 50	...	50,866 41
...	...	...	...	...	...	...	\$36,822 90	...
...	8,673 84	231 75	1,684 73	141,337 06	8,439,923 33	9,673 72	...	\$6,866 41
...	...	...	...	...	...	...	\$6,845 65	...

<sup>1</sup>Includes telephone net income of \$950.63.<sup>2</sup>Gas net loss.<sup>3</sup>Includes water net loss of \$191.51 and telephone net loss of \$978.79.<sup>4</sup>Water net revenue.<sup>5</sup>Includes gas net revenue of \$1,732,212.22 and water net revenue of \$158,161.40.<sup>6</sup>Credit item.<sup>7</sup>Gas net revenue.

TABLE NO. 2—Continued.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Joaquin Light and Power Corporation	Santa Barbara Electric Company	Santa Cruz County Utilities	Snow Mountain Water and Power Company	Southern California Edison Company	The Southern Sierras Power Company	Surprise Valley Electric Light and Power Company	The Truckee Electric Light and Power Company
Operating revenue.....	\$3,926,512 99	\$398,008 23	\$4,387 18	\$119,937 88	\$13,211,554 88	\$1,861,735 13	\$5,249 86	\$7,182 10
Operating expenses.....	2,090,336 03	305,164 74	5,023 27	72,084 99	8,349,916 50	724,937 47	3,581 83	7,029 35
Net operating revenue.....	\$1,836,176 96	\$92,843 49	.....	\$47,852 89	\$4,861,638 38	\$1,136,807 66	\$1,667 93	\$132 75
Net operating loss.....	.....	.....	\$438 09	.....	.....	.....	.....	.....
Nonoperating revenue.....	123,581 41	11,258 96	281 61	.....	1,554,879 13	13,983 64	.....	.....
Gross corporate income.....	\$1,959,698 37	\$104,077 55	.....	\$47,852 89	\$6,416,517 50	\$1,150,790 32	\$1,667 93	\$132 75
Gross corporate loss.....	.....	.....	\$374 43	.....	.....	.....	.....	.....
.....	\$353 28	\$123 04	.....	\$738 00	\$153,978 00	\$75 09	.....	.....
.....	782,614 00	38,285 00	\$1,818 75	57,600 00	3,352,761 96	305,205 42	.....	.....
.....	151,132 33	13,284 40	.....	.....	458,548 94	180,444 53	.....	.....
.....	.....	188 29	120 00	.....	57,170 74	503,889 00	\$25 00	.....
.....	71,103 06	5,107 08	50 80	1,205 70	238,102 23	28,543 57	.....	.....
Total deductions.....	\$984,182 76	\$56,987 81	\$1,959 55	\$59,543 70	\$3,342,443 99	\$1,110,388 26	\$25 00	.....
Net corporate income for year.....	\$973,515 61	\$47,089 74	\$2,384 08	\$11,640 81	\$3,073,073 51	\$40,522 06	\$1,642 93	\$132 75
Net corporate loss for year.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	\$433,905 71	\$40,008 00	.....	.....	\$2,302,887 86	\$125,000 00	.....	\$450 00
.....	1944,902 02	.....	\$97,307 90	.....	6,699 51	15,417 58	.....	450 00
.....	38,918 82	4,971 82	2,958 93	.....	\$187,147 57	47,040 53	\$651 29	.....
.....	\$68,930 48	26,971 14	17,502 21	.....	\$80,560 36	309,561 83	201 87	14,388 17
.....	1,714,335 58	29,853 06	19,489 05	\$126,994 94	1,260,298 17	193,460 97	1,053 51	14,520 92
.....	.....	.....	.....	141,535 75	.....	.....	.....	.....

Includes gas net revenue of \$73,378.35 and water net revenue of \$9,593.51.

Includes water net revenue of \$906.35.

Credit item.

Includes water net loss of \$1,273.13.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Tuolumne County Electric Power and Light Company	United Light, Fuel and Power Company	Universal Electric and Gas Company	Vacaville Water and Power Company	Vallejo Electric Light and Power Company	Weaverville Electric Company	Western States Gas and Electric Company	Total
Operating revenue.....	\$39,206 40	\$39,715 06	\$647,781 19	\$24,353 57	\$193,039 29	\$4,030 06	\$1,739,074 92	\$69,100,628 66
Operating expenses.....	37,591 06	70,420 59	567,019 51	16,316 06	139,022 59	2,854 36	1,141,089 27	37,590,313 29
Net operating revenue.....	\$1,407 32	\$19,296 47	\$80,761 68	\$9,076 82	\$54,016 80	\$1,175 70	\$597,985 66	\$21,510,315 36
Net operating loss .....	.....	.....	.....	.....	.....	.....	.....	.....
Nonoperating revenue.....	.....	2,330 35	121,081 29	239 55	2,781 04	.....	.....	3,741,881 89
Gross corporate income.....	\$1,407 32	\$21,626 82	\$201,842 97	\$9,316 37	\$56,798 84	\$1,175 70	\$597,985 66	\$25,251,997 25
Gross corporate loss .....	.....	.....	.....	.....	.....	.....	.....	.....
Deductions.								
Nonoperating revenue deductions .....	.....	.....	\$2,566 02	.....	\$43 10	.....	.....	\$235,536 90
Interest accrued on funded debt .....	.....	.....	135,000 00	.....	.....	.....	\$372,952 63	12,974,327 99
Other interest deductions .....	.....	.....	2,209 17	\$106 08	1,042 82	.....	18,425 33	196,874 96
Rent deductions .....	.....	71 70	.....	.....	.....	.....	.....	1,860,870 90
Miscellaneous deductions .....	\$44 58	55 49	878 80	193 47	600 00	.....	54,523 19	1,002,007 49
Total deductions .....	\$44 58	\$196 33	\$130,681 59	\$309 05	\$1,690 92	.....	\$445,901 35	\$16,259,128 33
Net corporate income for year.....	\$1,362 74	\$21,429 44	\$71,191 38	\$9,017 12	\$55,107 92	\$1,175 70	\$152,084 20	\$8,982,868 92
Net corporate loss for year.....	.....	.....	.....	.....	.....	.....	.....	.....
plus .....	.....	\$41,400 00	.....	\$3,600 00	\$30,920 00	\$900 00	\$241,263 05	\$7,768,987 27
.....	.....	186 04	\$44 48	1,726 94	543 00	.....	\$144,807 56	\$139,009 48
.....	\$31 02	8,094 26	71,208 86	.....	12,932 34	.....	\$2,396 15	1,150,134 99
.....	2,349 04	19,653 37	.....	2,910 54	52,464 49	4,087 38	124,277 54	10,368,976 45
.....	.....	.....	.....	10,054 50	76,163 46	4,983 08	177,210 19	13,562,422 89
.....	.....	8,021 81	.....	.....	.....	.....	.....	.....

<sup>1</sup>Water net revenue.

<sup>2</sup>Gas net revenue.

<sup>3</sup>Water net loss.

TABLE NO. 2.  
ABSTRACT OF OPERATING REVENUES OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930.

	Altamas Electric Power Company	Amador Electric Light and Power Company	Bay Point Light and Power Company	California Oregon Power Company <sup>1</sup>	California Telephone and Light Company	Coast County Gas and Electric Company	Coast Valley Gas and Electric Company	California Electric Generating Company <sup>1</sup>
.....	\$1,018 84	\$4,454 20	\$1,590 43	\$31,031 11	\$3,546 08	\$12,557 77	\$4,262 05	.....
.....	1,147 23	476 26	.....	601 96	46 16	2,571 82	9,496 92	.....
.....	559 92	427 35	.....	4,168 74	1,130 10	3,239 90	1,934 56	.....
.....	517 07	.....	94 11	23,134 21	1,125 87	7,715 00	257 73	.....
.....	8,885 58	27,420 27	16,742 20	252,952 27	108,415 43	221,723 77	151,888 00	.....
.....	84 00	.....	.....	16,342 22	.....	.....	96 00	.....
.....	2,729 40	7,726 53	8,457 46	260,404 26	82,821 40	196,766 20	253,784 26	.....
.....	2,267 00	.....	.....	242,465 46	10,146 24	6,406 00	8,051 46	.....
.....	.....	.....	.....	30,833 23	55 50	23 49	.....	.....
.....	4 00	.....	.....	304 17	38 10	.....	.....	.....
Total operating revenue.....	\$17,011 04	\$40,514 80	\$34,823 29	\$391,712 82	\$178,421 88	\$459,060 75	\$429,896 96	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	\$714 81	.....	\$4,651 26	\$606 45	\$11 09	\$1,092 87	.....
.....	.....	.....	.....	.....	.....	\$73 47	.....	.....
Total other operating revenue.....	.....	\$714 81	.....	.....	.....	.....	.....	.....
Total revenue.....	\$17,011 04	\$41,229 41	\$34,823 29	\$406,364 08	\$179,028 33	\$459,738 23	\$430,989 83	.....

<sup>1</sup>No revenue. Leased to Great Western Power Company of California.  
Includes Oregon business.

TABLE NO. 3—Continued.  
 ABSTRACT OF OPERATING REVENUES OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Del Monte Light and Power Company	Fontana Power Company	Fort Bragg Electric Company	Great Western Power Company of California	Holton Power Company	Lassen Electric Company	Lompoc Light and Power Company	Los Angeles Gas and Electric Corporation
..	..	..	..	\$1,408 80	\$10,320 57	..	\$2,363 47	\$315,025 28
..	..	..	\$1,923 40	21,703 50	..	\$724 00	..	20,173 59
..	..	..	..	463 84	..	..	..	4,913 90
..	..	..	..	58,284 10	17,163 38	..	449 78	839 63
..	..	..	17,948 12	7,943 23	..	2,582 40	..	..
..	\$5,161 51	..	4,444 00	1,706,794 15	270,380 37	17,292 70	13,564 52	1,483,506 88
..	..	..	..	19,735 53	..	1,579 18	..	..
..	5,005 28	..	15,955 88	3,128,530 18	326,323 68	1,294 65	3,163 58	373,988 14
..	..	..	..	280,245 57	..	..	..	..
..	..	\$60,956 21	..	158,758 08	32,744 51	..	..	9,389 94
..	..	..	..	398 43	..	..	..	4,378 20
..	..	..	..	7,773 43	..	..	..	2,132 01
..	..	..	..	..	..	..	..	..
..	..	..	..	20,340 77	..	..	..	365 00
Total operating revenue.....	\$10,166 79	\$60,956 21	\$40,170 36	\$5,411,368 47	\$661,823 01	\$23,452 80	\$19,541 33	\$2,124,806 26
Other Operating Revenue	..	..	..	..	..	..	..	..
Rent of electric appliances .....	..	..	..	356 15	..	..	..	..
Electric merchandise and jobbing revenue .....	..	..	\$212 89	1,871 79	\$2,242 01	\$0 46	\$600 38	\$10,850 57
Sale of by-products .....	..	..	..	160,181 34	..	..	..	..
Steam sales revenue .....	..	..	..	292,325 23	..	..	..	..
Total other operating revenue.....	..	..	\$212 89	\$454,334 51	\$2,242 01	\$0 46	\$600 38	\$10,850 57
Total revenue.....	\$10,166 79	\$60,956 21	\$40,383 24	\$5,865,702 98	\$664,064 02	\$23,453 26	\$20,141 70	\$2,135,656 83

TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUES OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Mendocino Electric Light and Power Company	Middle Yuba Hydro-electric Power Company	Midland Counties Public Service Corporation	Mountain Light and Water Company <sup>1</sup>	Mt. Whitney Power and Electric Company <sup>2</sup>	Mt. Shasta Power Corporation	Napa Valley Electric Company	Needles Gas and Electric Company	Novato Utilities Company
.....	.....	.....	86,038 31	.....	\$8,404 90	\$4 00	.....	.....	\$703 00
.....	.....	1,054 91	.....	.....	10,104 82	59 00	.....	.....	.....
.....	.....	8,924 74	.....	.....	3,406 90	.....	\$2,120 75	.....	.....
.....	.....	139 20	.....	.....	10,943 16	.....	.....	.....	.....
.....	.....	196,836 34	8033 23	.....	162 62	1,240 05	.....	.....	54 16
.....	\$2,940 00	\$1,597 54	.....	.....	142,751 61	753 83	19,004 01	\$32,365 28	3,478 50
.....	.....	67,082 29	.....	.....	110,867 19	1,600 00	.....	.....	211 30
.....	.....	333,290 48	.....	.....	394,053 36	2,608 84	7,116 18	.....	2,272 92
.....	.....	4,274 56	.....	.....	8,708 17	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	5,444 68	.....	.....
.....	.....	.....	.....	.....	1154 00	.....	.....	.....	.....
.....	4,716 25	.....	.....	.....	.....	.....	761 79	.....	.....
.....	.....	.....	.....	.....	156 48	.....	.....	.....	26 44
Total operating revenue.....	\$7,656 35	\$33,083 40	\$611,046 82	\$635 23	\$680,191 25	\$6,589 38	\$35,047 61	\$32,365 28	\$5,946 31
1942.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Revenue.....	.....	\$1,147 15	1025 00	.....	246 59	.....	.....	.....	.....
.....	.....	.....	1,906 16	.....	1,170 18	\$154 64	\$2,908 42	.....	\$912 59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total other operating revenue.....	.....	\$1,147 15	\$1,973 16	.....	\$1,219 68	\$154 64	\$2,908 42	.....	\$912 59
Total revenue.....	\$7,656 35	\$34,180 61	\$613,613 98	\$635 23	\$690,410 93	\$6,744 02	\$38,046 03	\$32,365 28	\$6,858 90

<sup>1</sup>Debit item.  
<sup>2</sup>Sold to Southern California Edison Company, June 30, 1920.  
<sup>3</sup>Sold to Santa Cruz County Utilities, May 1, 1920.







TABLE NO. 2--Continued  
 ABSTRACT OF OPERATING REVENUES OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Universal Electric and Gas Company	Yacoville Water and Power Company	Vallajo Electric Light and Power Company	Weaverville Electric Company	Western States Gas and Electric Company	Total
<i>Operating Revenue.</i>						
Municipal:						\$753,353 06
.....		\$1,478 06	\$11,620 12		\$84,242 86	1,112,963 06
Municipal:		40 00	1,098 50		28,540 14	210,321 43
Municipal:			735 40			622,297 08
Municipal power:			453 02	\$3,300 00	10,196 34	195,132 93
.....	\$425,223 34	13,336 19	2,147 50	784 06	734,325 35	19,858,507 72
.....			157,067 81			419,092 40
.....			30,600 90		819,567 08	24,021,078 72
.....	208,178 30	6,440 12			83,250 29	6,463,408 31
.....						4,211,235 10
Rent of meters						64,788 00
Breakdown service						13,479 85
.....						23,535 82
.....			177 53		1,375 00	1,000,408 88
.....					4,669 30	
Total operating revenue	\$633,490 66	\$21,304 96	\$174,127 86	\$4,080 06	\$1,738,308 35	\$68,081,364 07
<i>Other Operating Revenue.</i>						
.....						\$14,119 58
.....	\$68 38	\$3,108 61	\$13,911 43		\$683 79	149,004 18
.....					183 78	164,527 78
.....	14,312 15					721,553 04
Total other operating revenue	\$14,380 53	\$3,108 61	\$13,911 43		\$686 57	\$1,040,264 88
Total revenue	\$647,701 19	\$24,303 57	\$193,039 29	\$4,080 06	\$1,738,974 92	\$69,100,628 96

TABLE NO. 4.  
ABSTRACT OF OPERATING EXPENSES CLASS "A" ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	California-Oregon Power Company <sup>1</sup>	Coast Counties Gas and Electric Company	Coast Valleys Gas and Electric Company	Great Western Power Company of California	Holton Power Company	Los Angeles Gas and Electric Corporation	Midland Counties Public Service Corporation
<i>Production Expenses.</i>							
.....	\$3,413 58	\$1,672 02	\$661 00	\$33,249 30	\$450 40	\$16,819 81	.....
.....	915 12	2,404 58	.....	16,557 82	.....	.....	.....
.....	1,917 28	.....	.....	.....	.....	.....	.....
.....	.....	500 18	5,332 65	59,182 11	304 61	23,177 26	.....
.....	.....	1,504 88	41,114 32	704,478 72	1,228 76	647,487 18	.....
.....	.....	.....	3,193 71	12,346 86	15 67	10,694 60	.....
.....	.....	.....	.....	.....	80 40	.....	.....
.....	.....	.....	.....	.....	88 71	.....	.....
.....	.....	.....	.....	.....	38 80	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	27,692 86	.....	5,737 88	54,318 27	334 48	41,999 38	.....
.....	120 61	3,619 61	1,649 26	8,291 80	703 71	4,503 98	.....
.....	3,104 20	101,385 87	186,711 56	11,772 60	339,580 43	182,365 08	\$307,152 78
.....	2,815 54	25 41	871 19	15,669 58	14 93	6,860 76	.....
.....	4,611 06	114 94	.....	1,238 77	.....	.....	.....
.....	2,044 48	120 60	353 51	10,402 10	48 27	1,488 77	.....
.....	2,765 67	46 96	.....	6,135 74	.....	.....	.....
.....	.....	360 06	6,022 33	28,436 52	940 51	34,779 95	.....
.....	.....	1,084 93	1,326 28	72,065 77	259 36	31,207 62	.....
.....	.....	.....	.....	.....	1,017 64	.....	.....
.....	.....	.....	.....	.....	6,812 83	.....	.....
.....	713 21	3,082 36	127 06	2,227 71	7 18	1,080 39	.....
Total production expenses .....	\$40,013 61	\$116,002 64	\$323,090 84	\$1,038,665 56	\$332,181 49	\$661,062 21	\$307,152 78
<i>Transmission Expenses.</i>							
.....	3006 15	\$1,270 23	\$1,216 04	\$7,921 88	.....	.....	\$727 49
.....	16,594 01	151 80	576 14	16,751 49	.....	.....	1,674 21
.....	2,129 66	4,563 77	2,892 16	68,856 06	.....	.....	960 26
.....	87 34	.....	.....	4,631 28	.....	.....	35 65
.....	3,865 03	786 36	131 90	12,104 11	.....	.....	536 68
.....	12,837 53	9,978 00	4,077 08	13,328 69	.....	.....	978 54
.....	.....	.....	.....	.....	.....	.....	.....
.....	241 12	270 07	1 06	8,180 48	.....	.....	11 87
.....	1,839 87	466 12	1,533 61	4,873 92	.....	.....	558 65
.....	190 96	18 86	58 27	268 48	.....	.....	71 17
Total transmission expenses .....	\$39,471 86	\$17,567 22	\$10,484 15	\$137,924 39	.....	.....	\$6,821 47

<sup>1</sup>Includes Oregon business.<sup>2</sup>Credit item.



<i>Transmission Expenses.</i>									
Superintendence.....	\$203 92		\$28,855 86		\$2,076 06				\$810 38
Inspecting and patrolling.....	1,412 70		109,910 76		8,232 21		\$800 00		5,501 26
Substation labor.....			90,789 55	\$120 46	2,838 68				
Substation supplies and expenses.....	31 47		8,046 06		740 21				62 36
General labor and supplies.....	649 82		24,963 40		11,105 19		3 35		33 23
Repairs to overhead transmission system.....	1,279 34		119,900 61	3,171 66	11,163 16		276 79		3,990 56
Repairs to underground transmission system.....					298 91				
Repairs to substation buildings and general structures.....			3,362 99		309 26				
Repairs to substation equipment.....			30,823 59	473 91	3,358 58				125 54
Repairs to miscellaneous transmission equipment.....			12,863 27		2,330 86				49 94
Total transmission expenses.....	\$3,667 25		\$429,416 09	\$3,766 03	\$42,443 71		\$880 14		\$10,563 26

<sup>1</sup>Sold to Southern California Edison Company, June 30, 1920.

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "A" ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930.

	Southern California Edison Company	The Southern Power Company	Universal Electric and Gas Company	Vallejo Electric Light and Power Company	Western States Gas and Electric Company	Total
<i>Production Expenses.</i>						
Superintendence .....	\$120,048 50	\$8,398 78			\$6,740 96	\$273,214 50
Water collection labor and expense .....	31,634 43	1,731 13			5,960 21	945,337 77
Water for hydraulic power .....		420 00				2,338 28
Steam generation labor .....	119,979 16	8,169 34	\$19,103 02		12,856 40	655,940 39
Fuel for steam .....	2,428,413 27	69,563 83	44,009 35		60,215 03	9,568,974 68
Steam generator supplies .....	43,001 79	660 39	2,814 84		3,765 04	136,730 60
Steam from other sources .....						89 40
		3,264 69				3,351 40
						38 60
	241,700 35	41,311 53	8,668 02		24,678 82	736,007 08
	35,067 27	4,123 80	670 27		564 38	78,344 90
	270,918 06	103 62	279,631 52	\$36,957 56	442,369 42	3,737,368 06
	126,932 98	20,415 99			5,485 70	358,711 23
Structures .....	16,637 63	2,899 53			26,200 87	300,027 62
	19,539 50	3,196 65	1,683 01		634 55	111,341 55
	46,061 35	7,130 33			2,264 06	236,234 44
	102,782 65	5,220 92	1,496 19		1,623 74	472,812 76
	65,394 12	5,686 98	2,403 41		1,300 01	429,248 17
		3,407 45				1,017 64
	110,847 42	2,100 61			41 86	10,323 10
						467,983 49
Total production expenses.....	\$3,677,743 61	\$184,784 66	\$360,479 63	\$36,957 56	\$590,521 06	\$17,392,966 68
<i>Transmission Expenses.</i>						
Superintendence .....	\$28,784 14	\$4,066 55			\$1,637 96	\$78,726 26
Inspecting and patrolling .....	45,624 95	14,900 02			7,452 92	229,463 47
Substation labor .....	49,052 85	15,321 33			10,326 45	247,730 82
	9,874 24	3,819 31			3,804 44	31,222 36
	22,735 64	1,471 24			478 66	89,886 59
	18,589 73	3,470 43			16,365 20	220,267 30
Structures .....						298 91
	5,971 50	1,228 91			473 11	19,996 58
	11,019 41	14,491 08			4,067 71	73,621 99
Int.	2,167 12	409 13			663 19	18,968 26
Total transmission expenses.....	\$203,819 64	\$59,288 00			\$45,389 53	\$1,010,202 54

\*Credit item. Includes credits of \$23,129.76 electric expenses transferred—credit and \$97,778.37 production expenses transferred—credit.

\*Credit item.

TABLE NO. 4--Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "A" ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	California Oregon Power Company <sup>1</sup>	Coast Counties Gas and Electric Company	Coast Valleys Gas and Electric Company	Great Western Power Company of California	Holton Power Company	Los Angeles Gas and Electric Corporation	Midland Counties Public Service Corporation
<i>Distribution Expenses.</i>							
Superintendence.....	\$1,008 85	\$0,450 48	\$2,035 88	\$48,887 27	\$0,679 91	\$27,769 10	\$4,618 67
Substation labor.....	143 62	167 77	1,196 13	47,541 66	8,209 77	8,480 86	5,337 71
Substation supplies and expenses.....	545 50		191 31	3,470 70	698 90	2,255 45	1,728 06
Storage battery labor.....							
am.....	11,700 77	1,771 26	1,222 82	17,326 16	4,821 15	14,938 86	4,466 91
	5,064 26	301 31	306 03	33,022 93	724 64	20,979 29	1,083 38
	2,466 82	661 88	30 46	18,767 78	1,700 00	8,748 33	5,863 10
	9 75		10 27			559 94	
						356 04	8 65
and renewals.....	2 00		4 33	980 98			
itions.....	1,111 18	3,608 30	91 85	17,733 26	880 30	22,067 07	3,360 25
	883 44	3,720 18	186 83	145 16			
	1,060 11		497 06	560 89			
		7,638 50	894 08	9,297 20	510 14	27,668 22	237 08
structures.....	640 80	14 70	2,078 41	559 95	261 04	140 37	1,944 46
	3,473 87	130 34	403 74	6,340 46	8,724 86	331 60	324 55
	11,987 58	11,273 84	2,704 35	69,523 80	1,655 41	4,727 13	1,011 49
	8 59	1 33		22,245 35		4,192 77	4,604 08
	5,056 67	1,160 45	3,440 55	28,786 65	1,369 94	2,394 18	5,577 49
	2,019 10	1,540 19	190 49	9,590 52	240 05	10,066 82	1,094 53
	546 93	289 05	623 26	3,206 08	391 23	2,135 15	435 07
	1,025 50	1,033 12	389 14	2,154 32	2,108 65	6,961 62	567 16
	8 61			7 75		6 78	
loss.....		4 15	917 00	177 52		174 63	318 71
ment.....	457 45	6 32	124 85	569 33	66 47	182 30	445 82
Total distribution expenses.....	\$50,415 20	\$39,543 09	\$16,576 56	\$338,977 81	\$39,273 24	\$166,434 80	\$42,719 75
<i>General Expenses.</i>							
.....	\$0,943 25	\$4,598 85	\$1,311 74	\$94,850 33	\$7,317 31	\$18,267 16	\$12,427 42
.....	259 96	10,209 12	7,917 39	76,381 03	1 50		
.....	14,153 99	4,583 38	1,765 39	18,695 97	25,173 74	34,962 92	4,235 16
.....	6,024 98	3,245 31	1,458 34	16,952 44	1,797 41	17,200 55	5,345 08
.....	6,449 49	1,124 12	2,453 26		1,635 32	31,806 83	6,386 95
.....	327 36				906 63	4,782 86	111 73
Total commercial expenses.....	\$34,159 06	\$23,763 18	\$14,946 14	\$194,089 76	\$36,831 91	\$107,060 32	\$39,506 94

<sup>1</sup>Includes Oregon business.

<sup>2</sup>Credit item.



TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "A" ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Mt. Whitney Power and Electric Company <sup>1</sup>	Ontario Power Company	Pacific Gas and Electric Company	San Diego Consolidated Gas and Electric Company	San Joaquin Light and Power Corporation	Santa Barbara Electric Company	Snow Mountain Water and Power Company
<i>Distribution Expenses.</i>							
Superintendence	\$13,035 05	\$2,206 23	\$119,774 27	\$9,809 36	\$12,131 29	\$9,108 73	
Substation labor	9,805 81	4,178 36	405,046 03	6,850 54	23,812 53	165 30	
Substation supplies and expenses	3,512 44	1,252 41	58,146 77	160 63	13,671 67	231 25	
Storage battery labor			144 11				
			34 25				
cars	14,320 61	3,198 05	102,670 14	16,957 10	31,265 29	2,276 63	
	1,659 89		48,654 41	8,578 26	5,112 23	355 25	
	4,277 05	568 25		5,739 77	23,184 63	232 98	
			2,028 11		53 65		
			2,265 30		5 67		
and renewals			192 31	860 25	821 64	11 75	
itions.	8,170 15	294 94	57,835 44	14,117 04	21,988 99	3,867 98	
	1,662 44	2,940 95	34,160 30	6,906 80	6,318 63	659 64	
	2,904 33		50,667 45	5,067 16	4,443 33	967 01	
	2,628 08		236,765 73	50 23	21,920 96	746 73	
structures.	205 57	146 91	35,270 10	356 25	2,763 56		
	1,047 27	152 33	170,852 35	1,427 37	13,899 65		
	6,622 67	2,762 39	243,231 03	15,492 21	28,370 50	4,180 16	
			43,563 78	731 92			
	11,138 20	485 69	49,178 59	9,006 16	33,415 41	234 90	
	511 11		35,008 57	1,466 71	5,320 43	3,029 39	
	532 57		19,237 74	1,512 04	5,727 53	17 70	
	326 41	191 94	22,361 64	2,059 30	4,916 84	1,967 53	
			2,005 09				
lines	42 59		3,890 62		1,135 16	3 40	
ment.	1 75		149,846 73		6,687 88	42	
Total distribution expenses	\$35,479 03	\$19,468 26	\$1,905,574 52	\$104,899 18	\$276,937 51	\$22,012 95	
<i>Commercial Expenses.</i>							
New business expenses	\$4,979 96	\$3,795 93	\$65,018 04	\$18,606 73	\$55,346 15	\$5,297 81	
Free installation expenses.	116 20	754 53	8,306 06		97	21 06	
and expenses.	7,095 74	6,132 19	541,710 31	21,018 28	47,047 57	6,370 17	
	6,781 14	2,037 96	72,417 92	8,013 84	26,674 68	4,153 79	
as	8,112 56	1,140 59	150,337 74	9,051 99	28,021 09	6,227 53	
in.	577 86	1,764 91	1,974 95		355 06	3,573 15	
Total commercial expenses	\$38,121 04	\$15,529 13	\$390,335 04	\$66,699 84	\$157,355 52	\$28,533 54	

<sup>1</sup>Sold to Southern California Edison Company, June 30, 1921.

<sup>2</sup>Credit item.

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "A" ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Southern California Edison Company	The Southern Sierras Power Company	Universal Electric and Gas Company	Vallejo Electric Light and Power Company	Western States Gas and Electric Company	Total
<i>Distribution Expenses.</i>						
Superintendence .....	\$100,715 41	\$15,979 58	\$2,019 86	\$3,150 14	\$10,675 53	\$333,431 53
Substation labor .....	109,240 13	5,677 21	6,104 56	1,016 82	..	636,714 73
Substation supplies and expenses .....	16,094 83	2,014 05	1,820 42	194 18	..	105,977 57
Storage battery labor .....	..	..	..	..	..	144 11
Storage battery supplies and expenses .....	75,378 54	6,503 50	4,162 80	3,099 24	16,768 06	14 25
..	19,312 81	3,166 63	2,234 23	40 14	763 16	334,697 39
..	31,951 77	4,716 33	3,400 00	1,313 59	6,836 32	162,569 90
..	2 60	..	..	..	..	120,047 88
..	26 89	..	..	..	..	2,664 41
..	11,017 06	27 47	..	..	..	2,673 05
<i>Materials</i>	63,219 37	5,013 29	4,846 90	..	4,370 69	8,048 73
..	14,333 61	..	..	169 83	11,901 90	242,699 68
..	32,283 61	..	..	412 69	2,328 22	71,355 77
..	25,897 26	572 34	1,563 00	1,486 94	4,331 01	106,710 59
..	2,376 94	1,267 15	15 26	214 90	2,792 99	342,509 89
..	25,174 49	7,778 26	1,520 78	..	..	47,205 12
..	63,284 30	13,218 99	3,040 47	..	..	238,431 20
..	518 62	..	1,168 82	1,691 83	33,843 88	523,402 52
..	74,589 29	3,886 54	1,168 82	24 06	231 09	72,086 32
..	25,653 06	1,117 16	3,678 76	30 26	6,789 13	238,856 86
..	6,064 71	906 88	1,304 43	1,866 98	2,716 40	103,749 42
..	24,324 25	1,400 61	228 97	318 78	1,410 40	44,149 46
..	801 52	..	..	110 02	6,573 41	88,858 47
..	2,832 93	196 63	149 63	..	..	2,914 78
..	171 81	263 40	802 40	..	..	9,453 75
<i>Total distribution expenses</i> .....	\$713,593 47	\$73,806 00	\$38,256 08	\$15,644 90	\$115,394 87	\$4,067,696 51
<i>Commercial Expenses.</i>						
New business expenses .....	\$40,803 03	\$18,966 23	\$16,087 41	\$360 06	\$7,063 83	\$394,262 80
Free installation expenses .....	1,342 52	29 40	..	162 74	61 01	11,473 80
Commercial department salaries and expenses .....	97,343 10	26,336 60	13,140 05	3,000 04	21,391 71	905,109 10
Commercial department indexing .....	63,028 23	7,260 74	2,594 76	1,700 36	9,891 76	286,173 46
Commercial department collections .....	111,537 96	8,284 46	4,312 92	538 49	9,833 60	406,883 61
Miscellaneous commercial expenses .....	72,140 82	3,638 49	1,066 20	1 000 00	..	90,819 07
<i>Total commercial expenses</i> .....	\$385,189 65	\$63,497 92	\$37,631 24	\$10,030 70	\$40,181 91	\$2,129,820 64

\*Credit item.





TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "A" ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930

	Mt. Whitney Power and Electric Company <sup>1</sup>	Ontario Power Company	Pacific Gas and Electric Company	San Diego Consolidated Gas and Electric Company	San Joaquin Light and Power Corporation	Santa Barbara Electric Company	Sierr Mountain Water and Power Company
<i>General and Miscellaneous Expenses.</i>							
.....	\$7,425 00	\$4,025 26	\$80,836 11	\$43,053 78	\$65,060 97	\$1,470 95	\$1,700 00
.....	5,043 08		312,865 57	15,907 76	60,968 95	2,454 05	1,530 00
.....	11,847 60	3,906 32	140,601 84	27,926 64	145,231 13	4,210 09	1,319 43
.....	673 35	84 68	30,654 30	9,306 98	15,303 40	245 75	2,880 00
.....	149 84	82 90	7,609 90	919 99	15,159 52	1,574 12	13 56
.....	4,500 00	1,028 96	72,036 40	2,151 78	28,581 79	3,000 00	
.....	798 70	94 44	19,150 82			1,850 55	
.....							
.....	3,451 71	3,028 76	50,227 91	8,333 22	10,647 77	1,024 42	60 00
.....	1,371 46	1,676 07	63,003 84	15,513 30	13,734 17	1,590 69	794 65
.....	117 54	37 53		3,669 95	1,289 35	341 04	71 00
.....		25	12 58	120 48	333 89	119 03	
.....				6 39			
.....				469 76	469 52		412 05
.....	194 16				12,186 32	5 19	132 77
.....					517 06		
.....	5,176 77				360,735 05		
.....				706,808 01			
.....		56 18		778,807 53	72,691 39		
.....	8,604 44				22,290 67	7,260 50	
.....					22,290 67		
.....			\$115,650 05				
Total general and miscellaneous expenses ..	\$38,000 09	\$16,024 44	\$480,320 89	\$556,294 90	\$306,085 10	\$26,976 89	\$3,914 07
<i>Other Expenses.</i>							
By-product expenses ..				\$528 43			
Steam sales expenses ..			\$406,466 30	11,631 56			
Total other expenses ..			\$406,466 30	\$12,209 99			
Taxes .....	\$33,208 89	\$13,011 57	\$1,687,578 86	\$113,261 05	\$185,283 16	\$22,016 42	\$7,764 77

<i>General Amortization of Capital.</i>									
Amortization of franchises and patents.....	\$76,736 95	\$15,000 00	\$1,787,997 81	\$111,540 00			\$50,000 00		
Depreciation of plant and equipment.....								\$18,647 93	
Depreciation of production capital.....								13,254 52	
Depreciation of transmission capital.....									687 66
Depreciation of distribution capital.....									
Depreciation of general capital.....									
Total general amortization of capital.....	\$76,736 95	\$15,000 00	\$1,787,997 81	\$111,540 00			\$50,000 00		\$32,590 11
<i>Recapitulation of Expenses.</i>									
Production expenses.....	\$161,834 86		\$7,592,208 56	\$642,232 23			\$156,424 30		\$12,202 78
Transmission expenses.....	3,667 25	\$45,469 14	429,416 09	3,766 03			880 14		10,563 26
Distribution expenses.....	85,479 03		1,905,674 82	106,889 18			22,012 95		
Commercial expenses.....	28,131 94		860,325 04	56,689 84			25,843 54		
General and miscellaneous expenses.....	39,000 09		690,320 89	\$60,294 60			26,976 89		8,914 97
Other expenses.....			405,466 30	12,209 99					
Taxes.....	33,208 89	13,011 57	1,697,878 86	113,361 05			23,016 92		7,764 77
General amortization of capital.....	76,736 95	15,000 00	1,787,997 81	111,540 00			50,000 00		32,590 11
Total operating expenses.....	\$428,109 01	\$124,599 54	\$15,359,288 37	\$996,393 72			\$306,164 74		\$72,034 99

<sup>1</sup>Sold to Southern California Edison Company, June 30, 1920.  
<sup>2</sup>Credit item.  
<sup>3</sup>Not segregated.



<i>Amortization of Capital.</i>					
Depreciation of .....	\$2,000,000 00	\$140,498 96	\$0,093 24	\$12,793 44	\$70,380 00
Depreciation of .....	" "	" "	" "	" "	" "
Depreciation of .....	" "	" "	" "	" "	" "
Depreciation of .....	" "	" "	" "	" "	" "
Depreciation of .....	" "	" "	" "	" "	" "
Depreciation of .....	" "	" "	" "	" "	" "
<b>Total general amortization of capital.....</b>	<b>\$2,000,000 00</b>	<b>\$140,498 96</b>	<b>\$70,101 90</b>	<b>\$12,793 44</b>	<b>\$70,380 00</b>
<i>Recapitulation of Expenses.</i>					
Production expenses .....	\$3,577,743 61	\$194,784 84	\$360,470 63	\$86,967 86	\$596,621 08
Transmission expenses .....	303,819 64	56,288 00	" "	" "	45,389 63
Distribution expenses .....	713,592 47	73,806 00	38,256 08	16,644 99	114,694 87
Commercial expenses.....	386,189 66	62,497 92	37,631 34	10,020 79	49,151 91
General and miscellaneous expenses.....	511,926 03	118,660 67	20,212 13	37,606 61	139,557 06
Other expenses.....	" "	" "	12,227 89	" "	" "
Taxes .....	4,957,646 10	84,402 34	28,049 64	26,000 00	124,194 82
<b>General amortization of capital.....</b>	<b>2,000,000 00</b>	<b>140,498 96</b>	<b>70,161 90</b>	<b>12,793 44</b>	<b>70,380 00</b>
<b>Total operating expenses.....</b>	<b>\$8,349,916 50</b>	<b>\$794,927 47</b>	<b>\$567,019 51</b>	<b>\$139,022 89</b>	<b>\$1,141,089 87</b>

**Credit item.**

**Not aggregated.**

**Warranted on the Honor of**





<i>Commercial Expenses.</i>									
Promotion .....	\$102 00	\$04 31	.....	.....	.....	.....	.....	.....	\$197 31
Commercial department supplies and expenses .....	1,841 53	11,914 47	\$247 96	\$2,791 96	\$1,618 39	\$366 90	\$266 90	\$1,059 49	30,007 43
Total commercial expenses.....	\$1,943 53	\$12,028 78	\$247 96	\$2,791 96	\$1,618 39	\$366 90	\$266 90	\$1,059 49	\$30,204 74
Production .....	\$2,784 29	\$9,532 57	\$300 00	\$139 00	.....	.....	.....	\$2,834 42	\$21,115 79
Commercial department supplies and expenses .....	504 15	315 60	25 00	.....	\$600 90	.....	.....	.....	1,140 60
Total commercial expenses.....	91 92	33 40	.....	54 15	44 75	.....	.....	.....	794 99
	.....	18 15	.....	.....	.....	.....	.....	.....	184 22
	.....	9 90	.....	.....	.....	.....	.....	.....	.....
	15 15	1,354 21	.....	.....	4,824 54	\$4,196 50	.....	1,325 50	1,945 49
	436 64	1,474 29	.....	366 75	206 00	.....	70 30	775 85	11,165 25
	438 35	12,095 03	.....	.....	.....	.....	765 77	799 66	3,332 56
Cr.	.....	.....	.....	.....	.....	.....	.....	.....	1,194 12
Cr.	.....	.....	.....	.....	.....	.....	.....	.....	12,095 03
Cr.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total general and miscellaneous expenses .....	\$4,310 50	\$9,942 19	\$335 00	\$630 90	\$5,574 29	\$4,196 50	\$7,543 96	\$5,635 54	\$33,057 99
Other Expenses.	.....	.....	.....	.....	\$34,046 96	.....	.....	.....	.....
By-product expense .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Steam sales expense .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total other expenses.....	.....	.....	.....	.....	\$34,046 96	.....	.....	.....	\$34,046 96
Taxes .....	\$3,001 80	\$11,141 04	\$3,645 01	\$3,344 68	\$4,301 92	\$1,667 59	\$979 65	\$1,794 45	\$31,746 59
General Amortization of Capital.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Depreciation, etc .....	\$4,890 09	\$14,553 44	\$9,487 53	\$4,351 94	\$4,563 04	\$3,565 15	\$1,326 92	\$2,375 45	\$46,923 57
Recapitulation of Expenses.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Production expenses .....	\$11,991 46	\$47,414 51	\$26,106 45	\$20,008 57	\$12,607 47	\$11,011 00	\$10,154 73	\$16,357 12	\$155,175 31
Transmission expenses .....	.....	.....	.....	1,005 84	72 39	.....	.....	1,008 05	3,436 69
Distribution expenses .....	5,543 13	25,066 53	.....	5,507 35	3,634 13	7,844 50	2,764 77	1,050 55	51,403 56
Commercial expenses .....	1,944 03	12,008 78	247 96	2,791 96	1,618 39	266 90	266 90	1,059 49	20,204 74
General and miscellaneous expenses.....	4,310 50	9,942 19	326 00	530 90	5,574 29	4,196 50	7,543 96	5,635 54	33,057 99
Other expenses .....	.....	.....	.....	.....	\$4,043 96	.....	.....	.....	34,046 96
Taxes .....	3,001 80	11,141 04	3,645 01	3,344 68	4,301 92	1,667 59	979 65	1,794 45	31,746 59
Amortization of general capital .....	4,890 09	14,552 44	9,487 53	4,351 94	4,563 04	3,565 15	1,326 92	2,375 45	46,923 57
Total operating expenses.....	\$31,561 56	\$120,025 48	\$33,513 97	\$33,720 44	\$79,430 69	\$44,344 25	\$44,344 25	\$39,961 46	\$399,966 30

Credit item.

Not segregated.

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Alturas Electric Power Company	California Electric Generating Company <sup>1</sup>	Del Monte Light and Power Company	Lassen Electric Company	Lompoc Light and Power Company	Mendocino Electric Light and Power Company	Middle Tube Hydro-electric Power Company
.....	\$3,519 41	.....	\$5,917 46	\$3,478 06	\$7,154 10	.....	\$18,126 31
.....	184 30	.....	572 29	215 11	.....	.....	.....
.....	54 20	.....	53 48	270 48	2,254 94	.....	4,636 28
.....	.....	.....	412 50	1,457 16	1,478 27	.....	974 79
.....	2,520 00	.....	.....	2,401 41	1,980 79	\$3,420 14	300 00
.....	2,088 10	.....	138 06	267 43	363 85	252 48	1,351 48
.....	.....	.....	.....	.....	330 82	679 79	.....
.....	1,031 26	\$18,774 58	155 57	1,458 60	1,297 39	303 78	1,161 98
.....	1,993 00	.....	600 96	2,943 88	1,514 40	375 30	.....
Depreciation, etc.....	.....	.....	.....	.....	.....	.....	.....
Total operating expenses.....	\$10,389 27	\$18,774 58	\$7,980 22	\$17,512 13	\$15,373 56	\$3,931 31	\$38,560 94

<sup>1</sup>Lent to Great Western Power Company of California.

	Mt. Shasta Power Corporation	Mountain Light and Water Company <sup>1</sup>	Novato Utilities Company	Orin Power Company	Pacifi Light and Power Company	Phonon Light and Power Company	Santa Cruz County Utilities
.....	\$1,309 14	\$137 29	\$1,491 74	\$1,803 04	\$4,363 78	\$1,034 94	\$1,000 20
.....	1,094 24	113 87	101 23	612 58	1,313 73	433 86	.....
.....	1,143 30	.....	.....	.....	2,321 30	1,182 60	1,670 31
.....	1,511 18	4 15	1,110 42	.....	1,341 00	130 90	.....
.....	484 06	10 60	103 04	1,083 16	.....	1,040 23	373 36
.....	.....	.....	.....	16 18	.....	200 48	364 81
.....	.....	.....	.....	.....	.....	13 01	.....
.....	309 55	45 08	431 16	861 13	758 45	204 41	79 02
.....	.....	183 33	1,033 48	1,396 60	591 71	.....	986 87
Depreciation, etc.....	.....	.....	.....	.....	.....	.....	.....
Total operating expenses.....	\$7,040 47	\$447 83	\$4,326 07	\$9,786 86	\$10,563 67	\$4,249 53	\$6,033 27

<sup>1</sup>Sold to Santa Cruz County Utilities, May 1, 1920.

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Surprise Valley Electric Light and Power Company	The Truckee Electric Light and Power Company	Tuolumne County Electric Power and Light Company	Yacerville Water and Power Company	Weaverville Electric Company	Total
.....	\$1,355 85	\$2,400 00	\$9,637 39	\$8,466 92	\$362 50	\$90,426 04
.....	34 05	1,320 00	.....	.....	.....	2,758 61
.....	615 63	.....	.....	1,494 36	.....	16,678 53
Expenses.....	120 00	.....	4,400 00	735 51	.....	13,212 82
.....	337 09	.....	2,000 00	1,360 00	2,016 00	30,804 76
.....	.....	.....	3,460 22	811 59	254 30	11,192 71
.....	.....	1,775 44	.....	.....	79 50	2,863 80
Other expenses.....	.....	1,043 07	11,663 06	.....	3 00	12,826 48
Taxes.....	561 36	490 24	1,437 33	1,526 77	239 06	31,202 53
Depreciation, etc.....	357 95	.....	6,413 10	942 80	.....	17,742 98
Total operating expenses.....	\$3,581 93	\$7,020 35	\$37,801 08	\$15,316 06	\$2,854 35	\$219,628 46

TABLE NO. 5.

STATEMENT OF MISCELLANEOUS STATISTICS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Alturas Electric Power Company	Amador Electric Light and Power Company	Bay Point Light and Power Company	California- Oregon Power Company <sup>1</sup>	California Telephone and Light Company	Coast Counties Gas and Electric Company	Coast Valleys Gas and Electric Company	California Electric Generating Company <sup>2</sup>
<i>Generating Plants.</i>								
Hydraulic.....	1			10		1	3	
Steam.....						2		
Totals.....	1			10		3	3	
<i>Generating Plant Capacity Kilowatt Amperes.</i>								
Hydraulic.....	300			23,445		990	1,375	
Steam.....						1,610		
Totals.....	300			23,445		2,600	1,375	
<i>Maximum Monthly Simultaneous Peak. Kilowatts.</i>	150			20,665				
<i>Connected Load, Kilowatts.</i>								
Lighting.....	296	877.58	539	9,887.4			4,044.7	
Power.....	249	319.32	300	25,963.2		8,833	9,203.3	
Other.....	153			1,020			713.0	
Totals.....	698	1,196.90	839	36,870.6		8,833	13,961.0	
<i>Consumers.</i>								
Lighting.....	284	961	335	8,015	4,254	8,292	4,775	
Power.....	15	32	8	809	352	823	410	
Other.....	1			1	1		85	
Totals.....	300	993	343	8,825	4,607	9,115	5,270	
<i>Miles of transmission lines.</i>	8.5	12	7	465.7	1	99.7	133	
<i>Miles of Distribution Lines.</i>								
Overhead.....	9.5	28	15	1,202.2	871.29		322.41	
Underground.....			.8				.40	
Totals.....	9.5	28	15.8	1,202.2	871.29		322.81	

[illegible]

**Includes Oregon operations.**

## Four in Oregon.

**\*Leased to Great Western Power Company of California.**

TABLE NO. 5—Continued.  
STATEMENT OF MISCELLANEOUS STATISTICS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Del Monte Light and Power Company	Fontana Power Company	Fort Bragg Electric Company	Great Western Power Company of California	Holton Power Company	Lassen Electric Company	Lompoc Light and Power Company	Los Angeles Gas and Electric Corporation
<i>Generating Plants.</i>								
Hydraulic.....		1	2	2	2	2		1
Steam.....			2	7				
Totals.....		1	2	9	2	2		1
<i>Generating Plant Capacity, Kilowatt Amperes.</i>								
Hydraulic.....		2,400	1,240	65,800	1,100	200		19,710
Steam.....				28,800				
Totals.....		2,400	1,240	94,600	1,100	200		19,710
<i>Maximum Monthly Simultaneous Peak Kilowatts.</i>								
				80,600				17,785
<i>Connected Load, Kilowatts.</i>								
Lighting.....	144			63,455	5,107.29			48,211
Power.....	110	1,056		159,524	6,585.37			20,883
Other.....				3,994	165			
Totals.....	254	1,056		226,973	11,857.66			69,094
<i>Consumers.</i>								
Lighting.....	56		734	10,007	4,588	427	466	44,936
Power.....	8	5	113	21,121	569	26	25	2,450
Other.....			1	51				
Totals.....	64	5	848	31,179	5,157	453	491	47,386
Miles of transmission lines.....			5	174.7	51.33	8		24.57
<i>Miles of Distribution Lines.</i>								
Overhead.....	14.44		25	1,782.58	129.73	20.25	21.59	2,970
Underground.....	.06			235.21				328
Totals.....	14.50		25	2,017.79	129.73	20.25	21.59	3,298

Energy Available.										
Plant output 1,000 kilowatt hours.....	.....	11.877	1,643.405	407,463	22,750	.....	.....	.....	57,626.627	
Purchased 1,000 kilowatt hours.....	243.981	.....	.....	1,714.024	19,430.650	.....	.....	221.360	1,995.556	
Totals.....	243.981	11.877	1,643.405	409,177.024	42,180.650	.....	.....	221.360	59,622.183	
Energy sold, 1,000 kilowatt hours.....	203.894	11.877	1,643.405	287,869	17,397.952	.....	.....	182.265	48,915.456	
Energy unaccounted for, 1,000 kilowatt hours.....	40.087	.....	.....	121,308.024	24,782.698	.....	.....	39.095	10,706.727	

<sup>1</sup>No record.



TABLE NO. 5—Continued.  
STATEMENT OF MISCELLANEOUS STATISTICS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Mendocino Electric Light and Power Company	Middle Yuba Hydro-electric Power Company	Midland Counties Public Service Corporation	Mountain Light and Water Company <sup>1</sup>	Mt. Whitney Power and Electric Company <sup>2</sup>	Mt. Shasta Power Corporation	Napa Valley Electric Company	Needles Gas and Electric Company
<i>Generating Plants.</i>								
Hydraulic.....					4	1		1
Steam.....					2			
Totals.....					6	1		1
<i>Generating Plant Capacity, Kilowatt Amperes.</i>								
Hydraulic.....					27,850	200		375
Steam.....					26,950			
Totals.....					214,800	200		375
<i>Maximum Monthly Simultaneous Peak. Kilowatts.</i>					16,000	208		
<i>Connected Load, Kilowatts.</i>								
Lighting.....		30	5,003		13,295	56,500	603	
Power.....		800	8,630		30,623	157,500	656	
Other.....							413	
Totals.....		830	14,233		43,918	214,000	1,672	
<i>Consumers.</i>								
Lighting.....	396	66	5,335		9,116	92	720	669
Power.....		10	576		4,563	25	109	16
Other.....							1	
Totals.....	396	76	5,911		13,679	117	830	685
<i>Miles of transmission lines.</i>								
Overhead.....	16	10.5	173.7		205.70	18.5		
Underground.....								
Totals.....	26	12.75	452.19		1,936.83	6.75	115	20.1
	26	12.75	452.19		1,936.83	6.75	115	20.1

Energy Available. Plant output, 1,000 kilowatt hours..... Purchased, 1,000 kilowatt hours.....	..... 4,444	..... 1,475.040	..... 35,664.5	..... 41,406.490 6,969.899	..... 161.420	..... 840.834	..... 235.612
	..... 4,444	..... 1,475.040	..... 35,664.5	..... 48,376.389	..... 161.420	..... 840.834	..... 235.612
Totals.....	..... 4,444	..... 1,301.334	..... 30,113.348	..... 34,791.999	.....	..... 840.834	..... 235.612
Energy sold, 1,000 kilowatt hours..... Energy unaccounted for, 1,000 kilowatt hours.....	..... .....	..... 173.706	..... 5,551.152	..... 13,584.390	.....	.....	.....

<sup>1</sup>Sold to Santa Cruz County Utilities May 1, 1920. No statistics reported.

<sup>2</sup>Sold to Southern California Edison Co., June 30, 1920.

<sup>3</sup>Kilowatts.

TABLE NO. 8—Continued.  
STATEMENT OF MISCELLANEOUS STATISTICS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Novato Utilities Company	Ojai Power Company	Ontario Power Company	Pacific Gas and Electric Company	Pinole Light and Power Company	Plumas Light and Power Company	San Diego Consolidated Gas and Electric Company	San Joaquin Light and Power Corporation
<i>Generating Plants.</i>								
Hydraulic.....			2	62				12
Steam.....				12			1	5
Totals.....			2	74			1	17
<i>Generating Plant Capacity, Kilowatt Amperes.</i>								
Hydraulic.....			1,250	1196,700				76,100
Steam.....				1117,000			13,750	29,750
Totals.....			1,250	1313,700			13,750	105,850
<i>Maximum Monthly Simultaneous Peak, Kilowatts</i>			2,575	153,500			13,340	47,180
<i>Connected Load, Kilowatts.</i>								
Lighting.....	75.9			339,425.59	9,920		30,301.1	38,700
Power.....	118			569,276.26	1,857		22,651.6	93,549.37
Other.....				12,316.62				
Totals.....	193.9			921,018.47	11,777		52,952.7	132,249.37
<i>Consumers.</i>								
Lighting.....	119		3,485			86	26,277	31,249
Power.....	23		174		1	2	1,486	4,820
Other.....			1					4
Totals.....	142		3,660	266,132	398	88	27,763	36,073
<i>Miles of transmission lines</i>			23.3	2,649.1		11	72.52	941.39
<i>Miles of Distribution Lines</i>								
Overhead.....	40.5	15.5	219.3	6,841.77	15		632	2,830.60
Underground.....				1,309.63			165.33	
Totals.....	40.5	15.5	219.3	8,151.40	15		797.33	2,830.60

Energy Available.										
Plant output, 1,000 kilowatt hours.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	268,198.953
Purchased, 1,000 kilowatt hours.....	92.920	.....	.....	.....	.....	.....	.....	.....	.....	14,748.675
Totals.....	92.920	.....	.....	.....	.....	.....	.....	.....	.....	282,947.628
Energy sold, 1,000 kilowatt hours.....	92.920	.....	.....	.....	.....	.....	.....	.....	.....	234,762.651
Energy unaccounted for, 1,000 kilowatt hours	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,184.977

1Kilowatta.  
2Horsepower.  
3Not segregated.

TABLE NO. 8—Continued.  
STATEMENT OF MISCELLANEOUS STATISTICS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Santa Barbara Electric Company	Santa Cruz County Utilities	Snow Mountain Water and Power Company	Southern California Edison Company	The Southern Sierra Power Company	Surprise Valley Electric Light and Power Company	The Truckee Electric Light and Power Company	Tulare County Electric Power and Light Company
<i>Generating Plants.</i>								
Hydraulic.....	1		1	17	8			
Steam.....				7	2			
Totals.....	1		1	24	8			
<i>Generating Plant Capacity, Kilowatt Ampere.</i>								
Hydraulic.....			18,750	116,750	34,425			
Steam.....	12,120			104,870	11,500			
Totals.....	12,120		18,750	222,620	45,925			
<i>Maximum Monthly Simultaneous Peak, Kilowatts.</i>								
Lighting.....	2,210				24,872			
Power.....	4,337				8,916.17	85.5		
Other.....					27,433.87	68		
Totals.....	13,047			394,198	34,796.67	153.5		
<i>Consumers.</i>								
Lighting.....	8,527	307		112,750	5,816	121		901
Power.....	705		17	11,011	1,396	10		
Other.....				2,258				
Totals.....	7,232	307	17	125,968	7,112	131		901
<i>Miles of transmission lines.</i>								
Overhead.....	20.2		109.51	1,500.21	548.79	17.5		
Underground.....								
Totals.....	20.2		109.51	1,500.21	548.79	17.5		
<i>Miles of Distribution Lines.</i>								
Overhead.....	600.70	8.5		16,543.32	307.41	6.75		
Underground.....	5.24			750.01				
Totals.....	611.94	8.5		17,293.33	307.41	6.75		

Energy Available.									
Plant output, 1,000 kilowatt hours.....	9,615	70,213	22,383.500	807,845	139,765.398	61.439			504.318
Purchased, 1,000 kilowatt hours.....			1,750.009	19,941.880	1,841.426				
Totals.....	9,615	70,213	24,133.509	827,786.880	141,606.818	61.439	.		504.318
Energy sold, 1,000 kilowatt hours.....	7,585	70,213	20,511.805	750,310	98,959.867	61.439	.		413.574
Energy unaccounted for, 1,000 kilowatt hours.....	2,030		3,621.704	77,476.880	42,646.951				90.744

<sup>1</sup>Kilowatts.  
<sup>2</sup>Wholesale only.  
<sup>3</sup>No record.

TABLE NO. 5—Continued.  
STATEMENT OF MISCELLANEOUS STATISTICS OF ELECTRIC CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	United Light, Fuel and Power Company	Universal Electric and Gas Company	Vacaville Water and Power Company	Vallejo Electric Light and Power Company	Weaverville Electric Company	Western States Gas and Electric Company	Total
<i>Generating Plants.</i>							
Hydraulic.....		1			1	2	126
Steam.....						2	51
Totals.....		1			1	4	177
<i>Generating Plant Capacity, Kilowatt Amperes.</i>							
Hydraulic.....		1				6,650	640,610
Steam.....						4,250	346,600
Totals.....						10,900	887,210
<i>Maximum Monthly Simultaneous Peak.</i>							
Kilowatts.....		9,800	63,300			13,555	
<i>Connected Load, Kilowatts.</i>							
Lighting.....	1,537.05		258			27,761.22	569,340
Power.....	199.61		293			36,555.98	701,265
Other.....							84,514.59
Totals.....	1,736.66	21,437	551			64,317.20	1,355,119.59
<i>Consumers.</i>							
Lighting.....	1,185		599	5,275	75	24,162	323,864
Power.....	66		33	113		3,584	55,496
Other.....				9			2,383
Totals.....	1,251	24,175	632	5,397	75	27,746	265,204
Miles of transmission lines.....	1.67		213.741			309.50	7,943.331
<i>Miles of Distribution Lines.</i>							
Overhead.....	39.87	129.16			6	2,656.56	41,164.05
Underground.....	1.11	117.55				89.75	3,006.89
Totals.....	40.98	246.71		208.3	6	2,746.31	44,170.94

<i>Energy Available.</i>									
Plant output, 1,000 kilowatt hours.....	.....	2,047.740	.....	.....	.....	.....	.....	34,103.8	56,447,279.259
Purchased, 1,000 kilowatt hours.....	560.329	29,891.630	.....	.....	3,242.400	.....	.....	44,466	2,771,415.058
Totals.....	560.329	31,939.370	.....	.....	3,242.400	.....	.....	78,569.8	59,218,694.317
Energy sold, 1,000 kilowatt hours.....	458.494	27,049.763	.....	.....	2,867.461	.....	.....	.....	38,448,784.799
Energy unaccounted for, 1,000 kilowatt hours.....	101.845	4,889.607	.....	.....	374.939	.....	.....	.....	20,861,177.298

<sup>1</sup>No record.  
<sup>2</sup>Not segregated.  
<sup>3</sup>Includes 266,132 consumers of Pacific Gas and Electric Company, and 4,175 of Universal Electric and Gas Company not segregated.





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## **TELEPHONE AND TELEGRAPH COMPANIES.**

**List of Telephone and Telegraph Companies and Their Officials.**

**Tables 1 to 4, Inclusive.**

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**TELEPHONE AND TELEGRAPH COMPANIES.****A—Officers of Companies Whose 1920 Annual Reports Are Summarized in This Report.****Associated Telephone Company.**

Incorporated September, 1920, under the laws of California. Leased property of Union Home Telephone and Telegraph Corporation of Long Beach; Home Telephone and Telegraph Company of San Bernardino. Controls through stock ownership: Union Home Telephone and Telegraph Corporation of Long Beach; Long Beach Home Telegraph and Telephone Company; San Bernardino Home Telephone and Telegraph Company.

Geo. B. Ellis, President;  
J. E. Fishburn, Vice President;  
John E. Marble, Vice President;  
B. O. Johnson, Secretary;  
Sam R. Heffley, Auditor.

Business address, Long Beach, California.

**California Telephone and Light Company.**

Incorporated November 23, 1911, under the laws of California. Acquired property of Northwestern Telephone and Telegraph Company; Clear Lake Telephone and Telegraph Company; Northwestern Electric Company; Cold Ridge Improvement Company; Healdsburg Telephone Company; The Clear Lake Consolidated Telephone and Telegraph Company; Russian River Light and Power Company; Sonoma Valley Light and Power Company; The Cloverdale Light and Power Company; Calistoga Electric Company; Mount Konocti Light and Power Company.

Leonard Howarth, President;  
Frank P. Doyle, Vice President;  
Leo H. Susman, Vice President;  
W. P. Ferguson, Secretary, Treasurer and General Manager;  
A. J. Lyon, Auditor;  
H. B. Brown, General Superintendent.

Business address, Santa Rosa, California.

**Campbell Telephone Company.**

Incorporated October 11, 1911, under the laws of California.

F. M. Richter, President;  
E. D. Howes, Vice President;  
A. C. Keesling, Secretary and General Manager.

Business address, Campbell, California.

**Chileno Valley Telephone Company.**

Incorporated March 27, 1908, under the laws of California.

J. L. Goatley, President;  
S. J. Dado, Vice President;  
Americo J. Bloom, Secretary and Treasurer.

Business address, Petaluma, California.

**Chinese, Jamestown and Sonora Telegraph Company.**

Incorporated in 1872, under the laws of California.

Paul Morris, President;  
Saul Morris, Secretary and General Manager.

Business address, Chinese Camp, California.

**Coachella Valley Home Telephone and Telegraph Company.**

Incorporated March 31, 1906, under the laws of California.

J. W. Newman, President;  
J. A. Gordon, Vice President;  
W. D. Gibbs, Secretary and General Manager.

Business address, Thermal, California.

**Colusa County Telephone Company.**

Incorporated December 5, 1906, under the laws of California.

J. F. Campbell, President;  
F. H. Crosby, Secretary and Treasurer;  
P. R. Roller, Auditor;  
F. T. Lukenbell, General Superintendent, Colusa, California.  
Business address, 576-78 Sacramento street, San Francisco.

**Colorado River Telephone Company.**

Incorporated September, 1915, under the laws of California.

Mae I. Kamrar, President;  
D. J. Kamrar, Vice President;  
S. D. Kamrar, Secretary, Treasurer and General Manager.  
Business address, Blythe, California.

**Corona Home Telephone and Telegraph Company.**

Incorporated December 6, 1905, under the laws of California. Controls Corona Union Telephone and Telegraph Company through stock ownership.

Joy G. Jameson, President and General Manager;  
W. S. Clayson, Vice President;  
Dr. S. S. Willard, Secretary;  
Jas. S. Campbell, General Superintendent.  
Business address, Corona, California.

**Coos and Curry Telephone.**

Incorporated September 15, 1914, under the laws of Oregon. Acquired property of Coquille Valley Telephone Company. Controls through stock ownership, Southern Curry Telephone Company and Chetco Southern Telephone Company.

Chas. Hall, President and General Manager;  
C. E. Hickman, Vice President;  
Ernest C. Smith, Secretary;  
E. W. Gates, General Superintendent.  
Business address, Marshfield, Oregon.

**Consolidated Utilities Company.**

Incorporated October 8, 1907, under the laws of California. Reorganization of Compton Home Telephone and Telegraph Company.

J. Lee Shepard, President;  
J. O. Waite, Vice President;  
Carl Sheppard, Secretary and Treasurer;  
J. O. McDonald, General Manager.  
Business address, Compton, California.

**Del Norte Peoples Telephone Company.**

Incorporated March 22, 1910, under the laws of California. Purchased portion of property of Chetco Southern Telephone Company.

W. T. Breen, President;  
Geo. M. Keller, Vice President and Treasurer;  
G. W. Manley, Secretary and General Manager.  
Business address, Crescent City, California.

**Delta Telephone and Telegraph Company.**

Incorporated April 30, 1917, under the laws of California. Purchased property of New Freeport Telephone and Telegraph Company.

P. J. Huth, President;  
H. F. Isham, Vice President;  
H. D. Kercheval, Secretary and General Manager;  
W. E. Hills, Auditor.

Business address, 1039 Mills Building, San Francisco, California.

**Dos Palos Telephone Company.**

Incorporated April 8, 1909, under the laws of California.

D. A. Leonard, President;  
J. E. McClelland, Vice President;  
E. W. Heston, Secretary.

Business address, Dos Palos, California.

**Downey Home Telephone and Telegraph Company.**

Incorporated April 17, 1905, under the laws of California.

Arthur L. Darby, President;  
J. G. Swain, Vice President;  
A. Wardman, Secretary and General Manager;  
E. A. Carter, Auditor.

Business address, Whittier, California.

**Ducor California Hot Springs Telephone and Telegraph Company.**

Incorporated December 16, 1911, under the laws of California.

L. S. Wingrove, President and General Manager;  
F. M. Carlisle, Vice President;  
H. C. Carr, Secretary and Treasurer.

Business address, Hot Springs, California.

**Eel River and Southern Telephone Company.**

Incorporated December 23, 1910, under the laws of California.

H. D. Smith, President;  
F. Calanchini, Vice President;  
E. M. Loveland, Secretary and General Manager.

Business address, Ferndale, California.

**Federal Telegraph Company.**

Incorporated February 9, 1911, under the laws of California. Acquired property of Poulsen Wireless Corporation.

R. P. Schwerin, President and General Manager;  
Leon Bocqueraz, Vice President;  
Augustus Taylor, Secretary;  
H. L. Burross, General Superintendent;  
J. E. Godcharles, Treasurer and Auditor.

Business address, 812 Hobart Building, San Francisco.

**Fowler Independent Telephone Company.**

Incorporated July 18, 1905, under the laws of California.

J. S. Manley, President;  
C. V. Peterson, Vice President;  
J. H. Weinberg, Secretary and Treasurer;  
J. D. Magill, General Manager and Superintendent.

Business address, Fowler, California.

**Gilroy Telephone Company.**

Incorporated March 25, 1911, under the laws of California.

H. R. Chesbro, President;  
H. S. Hersman, Vice President;  
C. R. Willson, Secretary;  
C. W. Schemel, General Manager;  
W. E. Hills, Auditor, 1039 Mills Building, San Francisco.

Business address, Gilroy, California.

**Happy Valley Telephone Company.**

Incorporated February 17, 1906, under the laws of California.

Geo. W. Stowell, President;  
A. L. Walker, Vice President;  
L. D. Walker, Secretary and General Manager.

Business address, Olinda, California.

**The Home Telephone Company.**

Incorporated December 1, 1900, under the laws of California.

W. H. Buster, President and General Manager;

Oscar Robinson, Secretary.

Business address, Sycamore, California.

**Home Telephone Company of Covina.**

Incorporated August 21, 1902, under the laws of California.

J. O. Houser, President;

A. P. Kerckhoff, Vice President;

Mrs. L. M. La Fetra, Vice President;

F. H. Wright, Secretary and General Manager.

Business address, Covina, California.

**Home Telephone and Telegraph Company of Pasadena.**

Incorporated June 29, 1903, under the laws of California.

G. E. McFarland, President;

H. D. Pillsbury, Vice President;

J. C. Nowell, Vice President and General Manager;

T. V. Halsey, Secretary;

Geo. J. Petty, Treasurer;

G. E. Margrave, Assistant Treasurer;

S. A. Monsarrat, Assistant Treasurer;

F. C. Phelps, General Auditor.

Business address, 140 New Montgomery street, San Francisco.

**Honey Lake Valley Mutual Telephone Association.**

Incorporated July 10, 1911, under the laws of California.

A. J. Mathews, President;

Jules Alexander, Vice President;

W. E. Hills, Secretary and Treasurer.

Business address, 1030 Mills Building, San Francisco.

**Huntington Beach Telephone Company.**

Incorporated August 31, 1916, under the laws of California.

H. L. Heffner, President;

H. Levinson, Vice President;

Jas. S. Lawshe, Secretary and Treasurer.

Business address, 600 Kerckhoff Building, Los Angeles.

**Interstate Telegraph Company.**

Incorporated October 5, 1910, under the laws of Nevada. Acquired property of Inyo Telegraph Company.

A. B. West, President;

A. S. Cooper, Vice President and Assistant Treasurer;

W. E. Porter, Secretary;

P. R. Ferguson, Auditor;

A. B. West, General Manager;

Vernon Wilder, General Superintendent, Bishop, California.

Business address, Riverside, California.

**Kerman Telephone Company.**

Incorporated October 5, 1911, under the laws of California.

Max E. Socha, President;

Jacob Mansar, Vice President;

Mary R. Sandell, Secretary.

Business address, Kerman, California.

**Kern Mutual Telephone Company.**

Incorporated April 9, 1908, under the laws of California.

J. T. Maguire, President and General Manager;  
Phil Blankenship, Vice President;  
Jennie G. Blankenship, Secretary;  
Chas. H. Groshong, Office Manager.

Business address, Taft, California.

**Lindsay Home Telephone and Telegraph Company.**

Incorporated October 27, 1911, under the laws of California.

Chas. H. Button, President and General Manager;  
G. V. Reed, Vice President;  
A. C. Tienken, Secretary.

Business address, Lindsay, California.

**Los Gatos Telephone Company.**

Incorporated November 16, 1910, under the laws of California.

George W. Turner, President;  
J. D. Farwell, Vice President;  
F. F. Watkins, Secretary and General Manager.

Business address, Los Gatos, California.

**Macdoel Telephone Company.**

Incorporated March 22, 1917, under the laws of California; reorganization of Butte Valley Mutual Telephone Association.

J. D. Hammond, President and General Manager;  
E. O. Bissell, Secretary and Treasurer.

Business address, Macdoel, California.

**McFarland Telephone Company.**

Incorporated January 26, 1914, under the laws of California.

Leroy Galyen, President;  
J. B. McFarland, Vice President;  
Mrs. E. L. Galyen, Secretary.

Business address, McFarland, California.

**Monrovia Telephone and Telegraph Company.**

Incorporated September 14, 1903, under the laws of California.

John H. Bartle, President;  
J. M. Baldwin, Vice President and General Manager;  
Walter F. Dunn, Secretary;  
Jos. A. McBride, Auditor.

Business address, Monrovia, California.

**Needles Gas and Electric Company.**

Incorporated November 28, 1911, under the laws of California. Acquired the Arizona-California-Nevada Telephone Company.

E. H. Rose, President;  
R. P. Davie, Vice President;  
R. S. Masson, Secretary and General Manager;  
J. W. Wadsworth, General Superintendent, Needles, California.

Business address, 1038 Citizens National Bank Building, Los Angeles.

**Nevada, California and Oregon Telegraph and Telephone Company.**

Incorporated April 27, 1910, under the laws of Nevada. Acquired the property of California Northern Telephone and Telegraph Company and California and Oregon Telegraph Company.

W. C. Hendricks, President;  
A. J. Mathews, Vice President and General Manager;  
W. E. Hills, Secretary and Treasurer.

Business address, Mills Building, San Francisco.



**Northern Trinity Telephone and Telegraph Company.**

Incorporated June 6, 1904, under the laws of California.

Mrs. May Carr, President;  
Mrs. G. McDonald, Vice President;  
M. H. MacIlwaine, Secretary.

Business address, Trinity Center, California. P. O. Cedarville.

**Novato Utilities Company.**

Incorporated in 1916, under the laws of California. Consolidation of Novato Light and Power Company and Novato Rural Telephone Company.

J. W. Cain, President;  
A. D. Scott, Vice President;  
A. J. Cain, Secretary and Treasurer.

Business address, Novato, California.

**Ontario and Upland Telephone Company.**

Incorporated March 8, 1912, under the laws of California.

R. B. Campbell, President;  
W. A. Freemire, Vice President;  
H. M. Robinson, Secretary and Treasurer;  
Chas. L. Tuttle, Manager;  
F. C. Phelps, General Auditor.

Business address, 140 New Montgomery street, San Francisco.

**Oxnard Home Telephone Company.**

Incorporated December 1, 1905, under the laws of California.

F. H. Crosby, President;  
P. R. Roller, Secretary and Auditor;  
Edward Wedekind, General Manager.

Business address, 576-78 Sacramento street, San Francisco.

**The Pacific Telephone and Telegraph Company.**

Incorporated December 31, 1906, under the laws of California. Acquired the property of Union Home Telephone and Telegraph Corporation; Empire Telephone Company; Farmers Telephone and Telegraph Company, Omak, Washington; Sunnyvale Telephone Company; San Diego Home Telephone Company; W. P. Ballard and F. G. Henning, North Powder, Oregon, Exchange; San Fernando Valley Home Telephone Company; Sunset Telephone and Telegraph Company; Bell Telephone Company of Nevada; Home Long Distance Telephone Company; The Independent Telephone Company of Seattle; Citizens Telephone Company; Home Telephone and Telegraph Company of Pasadena; The Home Telephone and Telegraph Company of Spokane; Pacific States Telephone and Telegraph Company; Sacramento Valley Telephone Company; The Home Telephone and Telegraph Company of Southern Oregon; United States Long Distance Telephone and Telegraph Company; Southern California Telephone Company.

H. T. Scott, Chairman of Board of Directors;  
G. E. McFarland, President;  
H. D. Pillsbury, Vice President and General Attorney;  
J. C. Nowell, Vice President and General Manager;  
T. V. Halsey, Secretary;  
F. C. Phelps, General Auditor.

Business address, Shreve Building, San Francisco.

**Paso Robles and Shandon Telephone Company.**

Incorporated May 11, 1905, under the laws of California.

Mat Iverson, President;  
Geo. F. Bell, Vice President;  
Paul Pfister, Secretary and Treasurer.

Business address, Paso Robles, California.

**Placerville Telephone and Telegraph Company.**

Incorporated May 1, 1920, under the laws of California; reorganization of Placerville Telephone Exchange.

Shelley Inch, President;

Clara Inch, Vice President;

L. P. Inch, Secretary and Treasurer;

Wm. de Carterel, General Superintendent, Placerville, California.

President's address, 564 Twelfth avenue, San Francisco.

**Pomona Valley Telephone and Telegraph Union.**

Incorporated September 12, 1902, under the laws of California. Acquired property of Home Telephone and Telegraph Company of Chino.

J. A. Dole, President;

R. K. Pitzer, Vice President;

A. M. Dole, Secretary.

Business address, Pomona, California.

**Postal Telegraph Cable Company.**

Incorporated June 24, 1908, under the laws of California. Acquired property of Pacific Postal Telegraph Cable Company.

A. B. Richards, President;

Edward Reynolds, Vice President;

H. C. Shaw, Vice President;

G. W. Holt, Secretary and Treasurer.

Business address, San Francisco.

**Redondo Home Telephone Company.**

Incorporated March 24, 1905, under the laws of California.

T. A. Gould, President and General Manager;

J. H. Cavanah, Vice President;

E. M. Gould, Secretary;

Jos. A. McBride, Auditor.

Business address, Redondo Beach, California.

**Reedley Telephone Company.**

Incorporated February 25, 1913, under the laws of California.

A. Terkel, President and General Manager;

Dr. G. A. Therkof, Vice President;

Just Justesen, Secretary and Treasurer.

Business address, Reedley, California.

**Red Hill Telephone Company.**

Incorporated April 26, 1909, under the laws of California.

Archille Ricioli, President;

R. L. Mazza, Secretary.

Business address, Petaluma, California.

**Rio Vista Telephone and Telegraph Company.**

Incorporated July 14, 1893, under the laws of California.

J. M. Sullivan, President;

Peter Hamilton, Vice President;

F. J. Kalber, Secretary and Treasurer;

J. E. Sullivan, General Manager.

Business address, Rio Vista, California.

**Roseville Telephone Company.**

Incorporated April 1, 1914, under the laws of California. Acquired property of Pacific Telephone and Telegraph Company and Roseville Home Telephone Company.

W. J. Doyle, President;  
C. T. McCracken, Vice President;  
C. A. Baker, Secretary;  
W. Hanisch, General Manager.

Business address, Roseville, California.

**Sacramento Valley Telephone Company.**

Incorporated January 14, 1915, under the laws of California.

J. F. Campbell, Vice President;  
H. D. Pillsbury, Vice President;  
T. V. Halsey, Secretary;  
Geo. J. Petty, Treasurer and Assistant Secretary;  
F. C. Phelps, General Auditor.

Business address, 140 New Montgomery street, San Francisco.

**San Antonio Home Telephone Company.**

Incorporated January 4, 1908, under the laws of California.

E. J. Dutton, President;  
Wm. F. Buttle, Vice President;  
F. J. Merritt, Secretary and General Manager.

Business address, King City, California.

**San Fernando Telephone and Telegraph Company.**

Incorporated July 31, 1914, under the laws of California. Acquired property of Consolidated Security Company.

Walter F. Dunn, President;  
J. M. Baldwin, Vice President and General Manager;  
R. J. McHugh, Secretary and Treasurer;

Business address, San Fernando, California.

**San Joaquin Valley Telephone Company.**

Incorporated November 15, 1913; under the laws of California.

Will E. Keller, President;  
E. T. Stimson, Vice President;  
W. L. Valentine, Vice President;  
J. M. O'Brien, Secretary;  
Herman Janss, General Manager.

Business address, 1029 Title Insurance Building, Los Angeles.  
General Manager's address, San Joaquin, California.

**Santa Barbara Telephone Company.**

Incorporated April 14, 1916, under the laws of California. Formed by consolidating the following companies: Home Telephone and Telegraph Company of Santa Barbara; Home Telephone and Telegraph Company of Santa Barbara County; The Pacific Telephone and Telegraph Company in Santa Barbara County.

Alfred Edwards, President and Treasurer;  
R. E. Easton, Vice President and Secretary;  
D. A. Sattler, General Manager.

Business address, Santa Barbara, California.

**Santa Monica Bay Home Telephone Company.**

Incorporated June, 1907, under the laws of California; reorganization of Home Telephone and Telegraph Company of Santa Monica and Ocean Park.

L. C. Torrance, President;  
L. C. Torrance, Jr., Vice President;  
Torrance E. Welch, Secretary.

Business address, Ocean Park, California.

**Santa Paula Home Telephone Company.**

Incorporated September 27, 1905, under the laws of California.

F. H. Crosby, President;

P. R. Roller, Secretary;

Edw. Wedekind, General Manager.

Business address, 576-578 Sacramento street, San Francisco.

**Sierra Madre Telephone and Telegraph Company.**

Incorporated February 18, 1907, under the laws of California.

W. E. Farman, President and General Manager;

J. N. Hawks, Secretary and Treasurer.

Business address, Sierra Madre, California.

**Siskiyou Telephone Company.**

Incorporated October 7, 1896, under the laws of California. Acquired the property of the Klamath Telephone and Telegraph Company.

A. Dannerbrink, President and General Manager;

H. Dannerbrink, Vice President;

M. C. Beem, Vice President.

Business address, Etna Mills, California.

**Smeltzer Home Telephone and Telegraph Company.**

Incorporated October 10, 1904, under the laws of California.

R. E. Larter, President;

Geo. W. Moore, Vice President;

Chas. C. Johnson, Secretary.

Business address, Santa Ana, California.

**Southern California Telephone Company.**

Incorporated April 19, 1916, under the laws of California. Acquired the property of the Home Telephone and Telegraph Company of Los Angeles and The Pacific Telephone and Telegraph Company in Los Angeles.

A. B. Cass, President;

H. D. Pillsbury, Vice President;

J. C. Nowell, Vice President and General Manager;

T. V. Halsey, Secretary;

F. C. Phelps, Auditor.

Business address, Shreve Building, San Francisco.

**Southwestern Home Telephone Company.**

Incorporated February 6, 1905, under the laws of California. Acquired the property of the Redlands Home Telephone and Telegraph Company and the Pacific Telephone and Telegraph Company in Redlands.

Charles A. Rolfe, President and General Manager;

J. H. Fisher, Vice President;

Carl D. Rolfe, Secretary.

Business address, Redlands, California.

**Sunland Rural Telephone Company.**

Incorporated in 1909, under the laws of California.

A. D. Percy, President;

C. B. Johnson, Vice President;

F. L. Ballinger, Secretary.

Business address, R.F.D. No. 11, Box 659, Los Angeles.

**Suisun and Green Valley Telephone Company.**

Incorporated July 18, 1903, under the laws of California.

A. L. Buhrmeister, President;

C. L. Campbell, Vice President;

Geo. C. Miller, Secretary and Treasurer.

Business address, Suisun, California.

**The Tulare Home Telephone and Telegraph Company.**

Incorporated February 24, 1909, under the laws of California. Acquired the property of the Pacific Telephone and Telegraph Company in Tulare.

G. C. Harris, President and General Manager;  
M. G. Cottle, Vice President;  
Sol H. Rosenthal, Secretary.

Business address, Tulare, California.

**Union Home Telephone and Telegraph Corporation.**

Incorporated July 21, 1906, under the laws of California. Sold to Associated Telephone Company, October 1, 1920. Controls through stock ownership: Long Beach Home Telephone and Telegraph Company; San Bernardino Telephone and Telegraph Company.

Geo. B. Ellis, President;  
J. E. Fishburn, Vice President;  
B. O. Johnson, Secretary;  
Sam R. Heffley, Auditor.

Business address, 225 East First street, Long Beach, California.

**United States Long Distance Telephone and Telegraph Company.**

Incorporated September 3, 1902, under the laws of California.

H. M. Robinson, President;  
H. D. Pillsbury, Vice President;  
Arthur Wright, Vice President and Attorney;  
A. L. Rowland, Secretary;  
C. H. Temple, General Manager;  
F. C. Phelps, General Auditor.

Business address of General Manager, 510 Currier Building, Los Angeles.  
Vice President and Auditor's address, Shreve Building. San Francisco.

**Upper Dry Creek Telephone Company.**

Incorporated January 8, 1905, under the laws of California.

W. E. Richards, President;  
Geo. S. Bell, Vice President;  
J. H. Miller, Secretary;  
Geo. R. Somes, Auditor.

Business address, Healdsburg, California.

**Valley Telephone Company.**

Incorporated March 2, 1912, under the laws of California.

A. E. Wright, President and General Manager;  
S. E. Robinson, Vice President;  
C. H. Eckert, Secretary and Treasurer.

Business address, Holtville, California.

**The Western Union Telegraph Company.**

Incorporated April, 1851, under the laws of New York.

Newcomb Carlton, President;  
Rush Taggart, First Vice President and General Counsel;  
E. Y. Gallaher, Vice President and Comptroller;  
A. F. Burleigh, Secretary.

Business address, 195 Broadway, New York.

**Whittier Home Telephone and Telegraph Company.**

Incorporated August 15, 1902, under the laws of California.

F. W. Hadley, President;  
Orrin Gallup, Vice President;  
A. Wardman, Secretary and General Manager;  
E. A. Carter, Auditor;  
Orrin Gallup, General Superintendent.

Business address, Whittier, California.

**Willits Telephone and Telegraph Company.**

Incorporated July 19, 1906, under the laws of California.

Geo. E. Ells, President;  
W. A. S. Foster, Vice President;  
M. B. Muir, Secretary and Treasurer;  
Merrill Williams, General Manager.

Business address, Willits, California.

**B—Officers of Companies or Owners of Public Utilities Whose 1920 Annual Reports Are Not Summarized in This Report.**

**Adelaide Rural Telephone Company.**

Jas. W. Lemen, President and General Manager;  
Bessie F. Dubost, Secretary,  
Adelaide, California.

**Alpaugh Telephone and Telegraph Company.**

W. N. Billing, President;  
John H. Callister, Secretary,  
Alpaugh, California.

**Anderson and Bear Creek Telephone Line.**

L. C. Smith, Owner,  
Millville, California.

**Antelope Valley Telephone Company.**

O. F. Goodrich, Owner,  
Lancaster, California.

**Bandy, G. W.**

Kernville, California.

**Bass Telephone Line.**

Geo. W. Johnstone, Manager,  
Montgomery Creek, California.

**Berg, Geo.**

Llanada, California.

**Bigelow Telephone Company.**

H. E. Bigelow, Owner,  
O'Neals, California.

**Blake Independent Telephone System.**

Mrs. Stanley R. Short, for the estate of James H. Blake, deceased.  
Arcata, California.

**Bridgeport Telephone and Telegraph Company.**

A. S. Bryant, Owner,  
Bridgeport, California.

**Butte Valley Telephone Company.**

Jos. Hessig, President and General Manager;  
J. H. Hessig, Secretary and Treasurer,  
Klamath, Oregon.

**Calaveras Telephone Company.**

J. A. Tower, Owner,  
Felix, California.

**Cambria Telephone Company.**

Mrs. G. Guerra, Owner,  
Cambria, California.

**Capay Valley Telephone Company.**

L. N. Wood, Owner,  
Guinda, California.

**Central Telephone Company.**

J. G. Kirkman, Owner,  
Exeter, California.

**Colfax Suburban Telephone Company.**

E. Franklin, President;  
D. M. Kennedy, Secretary,  
Weimar, California.

**Colfax Telephone Exchange.**

Mrs. S. K. Morrison, Owner;  
Carl C. Bell, Manager,  
Colfax, California.

**Corcoran Telephone and Telegraph Exchange.**

W. Cromlie, Owner,  
Corcoran, California.

**Dalidio Tognini and Ghezzi Telephone Company.**

A. B. Tognini and G. Ghezzi, Owners,  
Cayucos, California.

**Evans Telephone Company.**

J. H. Evans, Owner,  
Patterson, California.

**Forest Hill Telephone Exchange.**

M. C. Langstaff, Manager,  
Forest Hill, California.

**Green, G. F.**

Ripon, California.

**Guglielmetti Rural Telephone Company.**

A. J. Guglielmetti, President;  
W. J. Guglielmetti, Secretary and General Manager,  
Petaluma, California.

**Huntington Beach Company.**

E. J. Gates, President;  
H. Levinson, Vice President and Treasurer, General Manager;  
Jas. S. Lawshe, Secretary,  
600 Kerckhoff Building, Los Angeles.

**Keeler Darwin Telephone Line.**

Fred M. Hess, Owner,  
Bishop, California.

**Kenwood Rural Telephone Company.**

S. A. Whipple, President;  
George K. Moyle, Secretary,  
Kenwood, California.

**Klamath Telephone and Telegraph Company.**

J. H. Hessig, Manager,  
Fort Klamath, Oregon.

**Knights Landing Telephone Exchange.**

J. V. Leithold, Owner,  
Woodland, California.

**Latrobe Telephone Company.**

Ezra Taylor, General Manager,  
Plymouth, California.

**Lemon Cove Telephone Company.**

Paul Huenke, Owner,  
Lemon Cove, California.

**Livingston Telephone Company.**

J. Max Landram, Owner;  
G. H. Winton, Manager,  
Livingston, California.

**Manteca Telephone and Telegraph Company.**

M. A. Forbes, Owner;  
C. W. Forbes, Manager,  
Manteca, California.

**Morgan Hill Telephone Company.**

T. H. Dassel, Owner,  
Morgan Hill, California.

**Owens Lake Telephone Company.**

Mrs. E. H. Edwards, Owner,  
Lone Pine, California.  
A. T. Smith, Owner,  
Keeler, California.

**Petrolia Telephone Company.**

C. A. Johnston, President;  
G. A. Cummings, Secretary;  
M. M. Langdon, Manager,  
Petrolia, California.

**Raymond Telephone Company.**

A. C. Shaw, Owner,  
Raymond, California.

**Sanger Telephone Company.**

H. F. Knapp, Owner,  
Sanger, California.

**San Miguel Interurban Telephone Company.**

J. W. Fretwell, President;  
H. Twisslemann, Secretary,  
San Miguel, California.



**Swanson, Robt. L., Telephone System.**

Robt. L. Swanson, Owner,  
Red Bluff, California.

**Turlock Home Telephone and Telegraph Company.**

J. L. Randolph, President and General Manager,  
Turlock, California.

**Tuolumne Telephone Exchange.**

Geo. H. Jones, Owner,  
Tuolumne, California.

**Volcano Telephone and Telegraph System.**

Jos. Lagomarsino, Owner,  
Volcano, California.

**Weaverville Telephone Exchange.**

B. Barnickel, Manager,  
Weaverville, California.

TABLE NO. 1  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Associated Telephone Company <sup>1</sup>	California Telephone and Light Company <sup>2</sup>	Campbell Telephone Company	Chileno Valley Telephone Company	Chinese Jamestown and Sonora Telegraph Company <sup>4</sup>	Coachella Valley Home Telephone and Telegraph Company	Colusa County Telephone Company	Colorado River Telephone Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1914.....			\$3,158 79	\$2,218 56	\$1,200 00	\$12,973 77	\$159,497 01	\$37,195 39
Fixed capital installed since December 31, 1913.....	\$23,879 42		1,183 89	147 32		6,820 38	34,424 16	
Total fixed capital.....	\$23,879 42		\$4,342 68	\$2,365 88	\$1,200 00	\$19,794 15	\$193,921 17	\$37,195 39
Reserve for accrued depreciation.....								
Reserve for amortization of intangible capital.....			\$1,018 28	\$495 99		\$2,723 99	\$29,707 45	\$4,428 77
Total credit.....			\$1,018 28	\$495 99		\$2,723 99	\$33,886 57	\$4,428 77
Net investment in fixed capital.....	\$23,879 42		\$3,324 40	\$1,869 89	\$1,200 00	\$17,070 16	\$160,034 60	\$32,766 62
Cash and deposits.....	50 00		1,471 04	575 77	5 87	84 94	1,062 49	
Notes receivable.....						149 16	33 29	
Accounts receivable.....	69,550 00		38 85			203 29	6,874 05	
Other current assets.....							3,414 39	
Investments.....	1,321,991 48					300 00		
Treasury securities.....								
Working assets.....						410 00	7,425 23	1,187 00
Prepaid expenses.....							51 59	
Unamortized discount on securities and expenses.....			270 00					
Miscellaneous.....							116 30	
Corporate deficit.....							9,752 33	1,784 54
Totals.....	\$1,415,470 90		\$5,104 29	\$2,445 66	\$1,205 87	\$18,217 55	\$188,764 27	\$35,738 16
<i>Liabilities.</i>								
Capital stock.....	\$511,826 00		\$2,680 00	\$2,300 00	\$1,200 00	\$12,770 00	\$85,708 00	\$9,593 00
Premium on capital stock.....			257 50					
Funded debt.....	829,300 00						28,000 00	
Assessment.....						1,013 50		
Notes payable.....	46,000 00					2,325 03	61,000 00	2,000 00
Accounts payable.....						1,728 52	12,521 27	11,995 97
Interest and taxes accrued.....							479 74	
Miscellaneous.....	20,730 00						1,055 26	70 62
Reserves.....								
Income invested since December 31, 1913, in fixed capital.....								
Appreciation of fixed capital.....								
Corporate surplus.....	7,714 90		2,166 79	145 66	5 87	380 50		12,078 57
Totals.....	\$1,415,470 90		\$5,104 29	\$2,445 66	\$1,205 87	\$18,217 55	\$188,764 27	\$35,738 16

<sup>1</sup>Began operations October 1, 1920.  
<sup>2</sup>See electric table.  
<sup>3</sup>Subscriptions to capital stock.  
<sup>4</sup>Not operating.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Corona Home Telephone and Telegraph Company	Coos and Curry Telephone Company <sup>1</sup>	Corona Union Telephone and Telegraph Company <sup>2</sup>	Consolidated Utilities Company	Del Norte Peoples Telephone Company	Delta Telephone and Telegraph Company	Dos Palos Telephone Company	Downey Home Telephone and Telegraph Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1914.....	\$81,115 73			\$51,000 47	\$11,093 37		\$6,169 07	\$51,670 95
Fixed capital installed since December 31, 1913.....	4,351 06	\$279,319 00		24,012 38	6,483 46	\$110,913 50	3,050 17	12,768 23
Total fixed capital.....	\$85,466 79	\$279,319 00		\$75,012 85	\$17,576 83	\$110,913 50	\$9,219 24	\$64,439 15
Reserve for accrued depreciation.....	\$11,912 54	\$49,639 47		\$12,895 31		\$31,989 18	\$2,275 00	\$10,088 65
Reserve for amortization of intangible capital.....								
Total credit.....	\$11,912 54	\$49,639 47		\$12,895 31		\$31,989 18	\$2,275 00	\$10,088 65
Net investment in fixed capital.....	\$73,554 25	\$229,679 53		\$62,117 54	\$17,576 83	\$78,924 32	\$8,944 24	\$54,350 50
Cash and deposits.....	5,423 18	5,494 86		119 48	927 69	3,954 98	454 16	1,234 42
Notes receivable.....		1,998 63		2,101 58				
Accounts receivable.....	843 95	13,037 26		2,193 09	1,570 89	3,020 52	650 23	6,045 94
Other current assets.....						3,649 08		
Investments.....	10,365 00	7,135 93					500 00	
Treasury securities.....		350 00						
Working assets.....	631 54	24,010 29		210 37	163 60	10,940 01	1,083 25	
Prepaid expenses.....		1,330 07			56 38	97 80		330 04
Unamortized discount on securities and expenses.....		5,196 09						
Miscellaneous.....		560 33				26 25		
Corporate deficit.....								
Totals.....	\$90,817 92	\$288,792 99		\$66,503 10	\$20,295 39	\$100,612 96	\$9,631 88	\$61,960 90
<i>Liabilities.</i>								
Capital stock.....	\$42,417 50	\$130,000 00		\$37,060 00	\$7,992 50	\$81,650 00	\$5,503 00	\$40,000 00
Premium on capital stock.....								
Funded debt.....	41,203 00	123,000 00		4,700 00				
Assessment.....								
Notes payable.....		10,000 00			700 00	3,806 48	200 00	
Accounts payable.....	1,487 81	6,654 74		2,632 00	2,565 47	762 26	371 64	3,286 19
Interest and taxes accrued.....	367 16	4,754 78			734 28	558 47		369 23
Miscellaneous.....	2,749 14	2,349 49				518 29		509 00
Reserves.....					2,324 32			
Income invested since December 31, 1913, in fixed capital...	648 82				4,105 22		3,060 17	15,520 49
Appreciation of fixed capital.....								
Corporate surplus.....	1,944 49	12,033 98		22,111 10	1,873 60	13,317 46	507 07	2,275 90
Totals.....	\$90,817 92	\$288,792 99		\$66,503 10	\$20,295 39	\$100,612 96	\$9,631 88	\$61,960 90

<sup>1</sup>Includes Oregon operations.  
<sup>2</sup>Not operating.  
<sup>3</sup>Credit items.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920

	Ducor- California Hot Springs Telephone and Telegraph Company	Eel River and Southern Telephone Company	Federal Telegraph Company	Fowler Independent Telephone Company	Gilroy Telephone Company	Happy Valley Telephone Company	Home Telephone Company of Sycamore	Home Telephones Company of Covina
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1914.....	\$4,100 00	\$14,037 72	\$577,792 87	\$31,509 35	.....	\$1,891 30	\$625 00	\$139,039 30
Fixed capital installed since December 31, 1913.....	452 97	2,653 92	2,314,001 19	15,329 19	\$28,347 47	952 24	.....	92,533 70
Total fixed capital.....	\$4,552 97	\$16,691 64	\$2,891,794 06	\$36,838 54	\$28,347 47	\$2,843 54	\$625 00	\$231,573 00
Reserve for accrued depreciation.....	.....	\$420 00	\$191,062 28	\$10,966 67	\$8,429 40	\$347 85	.....	\$43,598 85
Reserve for amortisation of intangible capital.....	.....	.....	.....	.....	31 20	.....	.....	840 00
Total credit.....	.....	\$420 00	\$191,062 28	\$10,966 67	\$8,460 60	\$347 85	.....	\$44,438 85
Net investment in fixed capital.....	\$4,552 97	\$16,271 64	\$2,700,731 78	\$25,871 87	\$19,886 87	\$2,495 69	\$625 00	\$187,134 15
Cash and deposits.....	1,031 91	885 50	85,200 69	427 86	3,383 54	90 30	209 70	2,832 59
Notes receivable.....	.....	.....	.....	.....	.....	.....	.....	.....
Accounts receivable.....	372 03	.....	125,366 45	.....	297 42	101 32	.....	308 84
Other current assets.....	.....	.....	.....	.....	.....	.....	.....	.....
Investments.....	.....	.....	.....	.....	.....	.....	.....	.....
Treasury securities.....	.....	.....	1,762 75	.....	.....	.....	.....	.....
Working assets.....	.....	19 61	178 50	.....	.....	.....	.....	.....
Prepaid expenses.....	.....	.....	275,240 22	.....	4,815 03	.....	.....	4,790 88
Unamortised discount on securities and expenses.....	.....	.....	7,876 40	.....	9 37	.....	.....	541 73
Miscellaneous.....	.....	.....	.....	.....	.....	.....	.....	4,509 76
Corporate deficit.....	.....	.....	184,475 92	.....	.....	.....	.....	.....
Totals.....	\$5,956 91	\$17,176 75	\$3,380,832 71	\$26,299 73	\$28,392 23	\$2,687 31	\$634 70	\$200,241 95
<i>Liabilities.</i>								
Capital stock.....	\$4,100 00	\$10,550 00	\$2,491,775 00	\$8,310 00	\$18,060 00	\$550 00	\$625 00	\$92,450 00
Premium on capital stock.....	.....	.....	.....	.....	.....	.....	.....	.....
Funded debt.....	.....	.....	.....	.....	.....	.....	.....	85,200 00
Assessment.....	.....	.....	.....	1,090 00	.....	.....	.....	.....
Notes payable.....	.....	.....	45,000 00	2,500 00	.....	.....	.....	.....
Accounts payable.....	.....	97 44	122,237 48	245 51	1,020 42	158 09	.....	6,762 15
Interest and taxes accrued.....	.....	.....	.....	.....	460 90	.....	.....	953 50
Miscellaneous.....	.....	.....	15,593 55	.....	276 41	.....	.....	4,541 37
Reserves.....	.....	.....	.....	.....	.....	.....	.....	.....
Income invested since December 31, 1913, in fixed capital.....	452 97	.....	.....	.....	.....	952 24	.....	.....
Appreciation of fixed capital.....	.....	1,708 15	.....	.....	6,985 50	.....	.....	.....
Corporate surplus.....	1,403 94	4,821 16	706,226 68	14,154 22	1,588 91	1,026 98	209 70	10,334 93
Totals.....	\$5,956 91	\$17,176 75	\$3,380,832 71	\$26,299 73	\$28,392 23	\$2,687 31	\$634 70	\$200,241 95

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1930.

	Home Telephone and Telegraph Company of Pasadena	Honey Lake Valley Mutual Telephone Association	Huntington Beach Telephone Company	Interstate Telegraph Company	Kerman Telephone Company	Kern Mutual Telephone Company	Lindsay Home Telephone and Telegraph Company
<i>Assets.</i>							
Fixed capital installed prior to January 1, 1914.....		\$18,354 96		\$748,717 81	\$9,157 08	\$165,704 08	\$94,782 10
Fixed capital installed since December 31, 1913.....		4,257 11	\$24,274 19	58,020 06	10,307 66	26,403 68	33,909 32
Total fixed capital.....	\$2,271,542 01	\$22,612 07	\$24,274 19	\$806,787 87	\$19,464 74	\$192,107 76	\$58,691 42
Reserve for accrued depreciation.....		\$6,552 74	\$766 39	\$41,000 82	\$6,153 06	\$96,633 90	\$15,578 85
Reserve for amortization of intangible capital.....		18 90					
Total credit.....	\$291,864 15	\$6,571 64	\$766 39	\$41,000 82	\$6,153 06	\$96,633 90	\$15,578 85
Net investment in fixed capital.....	\$1,979,677 86	\$16,040 43	\$23,507 80	\$765,737 05	\$13,311 68	\$95,473 86	\$43,112 57
Cash and deposits.....	2,291 79	393 15	636 98	3,198 52	5 00	2,506 69	37 38
Notes receivable.....	25 00			29 60			
Accounts receivable.....	21,806 83	1,114 39	814 73	35,934 32	5,240 89	5,134 24	671 86
Other current assets.....							
Investments.....							
Treasury securities.....							
Working assets.....	6,894 33	527 72	582 07	41,997 01	26,005 00	423 63	745 85
Prepaid expenses.....	2,030 50	136 63		391 71	11 80		
Unamortized discount on securities and expenses.....							820 50
Miscellaneous.....	535 00			44,723 38			825 40
Corporate deficit.....	239,680 18	5,054 53		9,051 14	6,824 69		
Totals.....	\$2,252,941 49	\$23,266 85	\$25,541 58	\$901,063 33	\$52,005 06	\$103,538 42	\$46,213 56
<i>Liabilities.</i>							
Capital stock.....	\$519,000 00	\$10,000 00	\$24,500 00	\$500,000 00	\$35,000 00	\$25,000 00	\$35,000 00
Premium on capital stock.....							14,200 00
Funded debt.....	471,500 00			244,000 00			
Assessment.....					3,597 00		
Notes payable.....	19,500 00	10,000 00		6,000 00	2,500 00		1,900 00
Accounts payable.....	1,038,654 43	2,435 17	698 34	194,756 44	10,908 06	2,116 14	2,345 96
Interest and taxes accrued.....	160,741 03	86 54		5,738 40		14,295 42	283 17
Miscellaneous.....	43,546 03	745 14		7,098 99			471 67
Reserves.....				3,469 50			
Income invested since December 31, 1913, in fixed capital.....							
Appreciation of fixed capital.....			343 24			62,126 86	2,012 76
Corporate surplus.....							
Totals.....	\$2,252,941 49	\$23,266 85	\$25,541 58	\$901,063 33	\$52,005 06	\$103,538 42	\$46,213 56

1Not segregated.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Los Gatos Telephone Company	McFarland Telephone Company	Monrovia Telephone and Telegraph Company	Needles Gas and Electric Company <sup>1</sup>	Nevada, California and Oregon Telegraph and Telephone Company	Northern Trinity Telephone and Telegraph Company	Novato Utilities Company <sup>1</sup>
<i>Assets.</i>							
Fixed capital installed prior to January 1, 1914.....	\$26,635 61		\$118,206 72		\$102,643 25	\$2,000 00	
Fixed capital installed since December 31, 1913.....	27,773 28	\$6,526 00	17,829 80		107,909 84		
Total fixed capital.....	\$54,408 89	\$6,526 00	\$136,036 52		\$210,553 09	\$2,000 00	
Reserve for accrued depreciation.....	\$12,169 99	\$2,140 00	\$35,372 26		\$33,129 69		
Reserve for amortization of intangible capital.....			840 00		4,541 11		
Total credit.....	\$12,169 99	\$2,140 00	\$36,212 26		\$37,670 79		
Net investment in fixed capital.....	\$42,238 90	\$4,386 00	\$99,824 26		\$172,882 30	\$2,000 00	
Cash and deposits.....	110 92		987 65		3,830 66		
Notes receivable.....					19 00		
Accounts receivable.....	1,214 63	19 40	1,318 38		7,541 50		
Other current assets.....							
Investments.....							
Treasury securities.....			28,500 00				
Working assets.....	1,366 19	44 00	1,114 17		764 25		
Prepaid expenses.....	232 14		424 69		730 29		
Unamortized discount on securities and expenses.....					3,350 58	21 00	
Miscellaneous.....					703 49		
Corporate deficit.....							
Totals.....	\$45,212 78	\$4,449 40	\$132,169 15		\$189,822 07	\$2,021 00	
<i>Liabilities.</i>							
Capital stock.....	\$24,050 00	\$1,000 00	\$100,000 00		\$82,165 00	\$2,021 00	
Premium on capital stock.....	300 00						
Funded debt.....			25,000 00		54,100 00		
Assessment.....		1,600 00					
Notes payable.....	3,000 00		1,000 00		2,660 00		
Accounts payable.....	759 50	1,789 61	2,072 18		1,014 45		
Interest and taxes accrued.....	481 90		750 00		294 35		
Miscellaneous.....	2 60				5,191 44		
Reserves.....							
Income invested since December 31, 1913, in fixed capital.....					2,785 29		
Appreciation of fixed capital.....	16,618 78	59 79	3,346 97		41,611 54		
Corporate surplus.....							
Totals.....	\$45,212 78	\$4,449 40	\$132,169 15		\$189,822 07	\$2,021 00	

<sup>1</sup>See electric table.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Ontario and Upland Telephone Company	Ornard Home Telephone Company	The Pacific Telephone and Telegraph Company	Paso Robles and Shandon Telephone Company	Placerville Telephone and Telegraph Company	Pomona Valley Telephone and Telegraph Union	Postal Telegraph Cable Company
<i>Assets.</i>							
Fixed capital installed prior to January 1, 1914	\$277,729 53	\$101,033 04	\$103,948,369 01	\$5,945 27	\$14,200 00	\$237,523 92	\$100,000 00
Fixed capital installed since December 31, 1913	\$277,729 53	\$156,671 26	\$103,948,369 01	396 29	\$14,200 00	123,889 15	\$100,000 00
Total fixed capital	\$25,622 86	\$23,102 97	\$23,085,491 70	\$6,340 56	\$14,200 00	\$361,413 07	\$100,000 00
Reserve for accrued depreciation		3,028 80	37,838 69	\$2,561 06		\$173,233 95	
Reserve for amortisation of intangible capital							
Total credit	\$25,622 86	\$26,131 77	\$23,123,330 39	\$2,561 06		\$173,233 95	
Net investment in fixed capital	\$252,106 67	\$130,539 49	\$80,825,038 62	\$3,779 51	\$14,200 00	\$188,179 12	\$100,000 00
Cash and deposits	2,526 96	1,620 11	454,305 99	177 55	1,056 47	13,341 22	72,619 51
Notes receivable			265,497 83				
Accounts receivable		7,248 52	2,414,986 59	575 13	101 40	1,164 05	184,773 51
Other current assets	2,450 92	1,890 89	218,965 44				648,526 17
Investments		1,004 45	16,072,074 35				
Treasury securities							
Working assets	1,797 51	1,883 61	3,165,587 68		142 13	4,878 49	2,855 44
Prepaid expenses	431 24	45 61	299,898 42				
Unamortised discount on securities and expenses		14,038 32	1,496,923 15				
Miscellaneous		402 93	1,289,916 79		445 79	2,553 12	
Corporate deficit	90,519 41						53,655 14
Totals	\$349,832 71	\$158,673 93	\$106,502,193 85	\$4,532 19	\$15,945 79	\$210,106 00	\$1,062,429 77
<i>Liabilities.</i>							
Capital stock	\$100,000 00	\$75,000 00	\$50,000,000 00	\$4,200 00	\$15,000 00	\$100,000 00	\$100,000 00
Premium on capital stock							
Funded debt	70,000 00	50,000 00	39,174,000 00			100,000 00	
Assessment							
Notes payable		16,059 79	215,000 00		500 00		
Accounts payable	147,117 92	6,049 30	11,636,153 74		445 79	5,000 00	164,429 67
Interest and taxes accrued	26,706 27	705 46	997,053 98			4,116 11	
Miscellaneous	6,008 52	508 58	1,261,787 65			989 89	
Reserves		180 21					808,000 00
Income invested since December 31, 1913, in fixed capital							
Appreciation of fixed capital							
Corporate surplus		11,170 59	3,218,198 48	332 19			
Totals	\$349,832 71	\$158,673 93	\$106,502,193 85	\$4,532 19	\$15,945 79	\$210,106 00	\$1,062,429 77

<sup>1</sup>Not segregated.



TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Redondo Home Telephone Company	Reedley Telephone Company	Red Hill Telephone Company	Rio Vista Telephone and Telegraph Company	Roseville Telephone Company	Sacramento Valley Telephone Company	San Antonio Home Telephone Company
<i>Assets.</i>							
Fixed capital installed prior to January 1, 1914.....	\$33,540 75		\$1,500 00	\$5,220 51	\$11,000 00		\$3,450 00
Fixed capital installed since December 31, 1913.....	84,460 22	\$37,592 73		15,697 15	13,536 90	\$365,932 09	63 00
Total fixed capital.....	\$118,000 97	\$37,592 73	\$1,500 00	\$20,917 66	\$24,536 90	\$365,932 09	\$3,513 00
Reserve for accrued depreciation.....	\$36,733 51	\$8,094 04			\$6,557 00	\$786 68	
Reserve for amortisation of intangible capital.....							
Cr.							
Cr.							
Total credit.....	\$36,733 51	\$8,094 04			\$6,557 00	\$786 68	
Net investment in fixed capital.....	\$81,267 46	\$29,498 69	\$1,500 00	\$20,917 66	\$17,979 90	\$365,145 41	\$3,513 00
Cash and deposits.....	878 69	1,563 96	79 25	582 12	464 53	1,855 00	69 55
Notes receivable.....	51 50						
Accounts receivable.....	4,142 67	89 25		1,637 06	969 81	7,603 11	240 80
Other current assets.....							
Investments.....					4,000 00		
Treasury securities.....							
Working assets.....	240 85	588 50		350 00		9,490 44	
Prepaid expenses.....	24 49					606 47	
Unamortised discount on securities and expenses.....	34,793 81						3,450 00
Miscellaneous.....		2,551 54			95 66	831 28	
Corporate deficit.....	9,448 52					129,274 49	
Totals.....	\$130,847 99	\$34,291 94	\$1,579 25	\$23,486 86	\$23,509 90	\$514,806 20	\$7,273 35
<i>Liabilities.</i>							
Capital stock.....	\$40,000 00	\$14,109 00	\$1,500 00	\$4,150 00	\$20,480 00	\$193,800 00	\$6,900 00
Premium on capital stock.....							
Funded debt.....	70,000 00					190,000 00	
Assessment.....							
Notes payable.....	1,425 00	9,538 20		3,500 00			
Accounts payable.....	4,906 89	6,020 52		1,500 00		127,379 94	325 56
Interest and taxes accrued.....	516 10				598 08	493 00	47 79
Miscellaneous.....					81 35	3,132 26	
Reserves.....	14,000 00						
Income invested since December 31, 1913, in fixed capital.....				2,312 74			
Appreciation of fixed capital.....				3,781 68			
Corporate surplus.....		4,624 22	79 25	8,242 44	2,350 52		
Totals.....	\$130,847 99	\$34,291 94	\$1,579 25	\$23,486 86	\$23,509 90	\$514,806 20	\$7,273 35



TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	San Fernando Telephone and Telegraph Company	San Joaquin Valley Telephone Company	Santa Barbara Telephone Company	Santa Monica Bay Home Telephone Company	Santa Paula Home Telephone Company	Sierra Madre Telephone and Telegraph Company	Siatiyou Telephone Company
<i>Assets.</i>							
Fixed capital installed prior to January 1, 1914.....	\$22,535 91	\$1 00		\$252,630 35	\$76,067 14	\$32,011 97	\$17,908 97
Fixed capital installed since December 31, 1913.....	17,910 75	1,847 11	\$891,323 29	71,095 80	46,696 07	2,035 33	12,101 16
Total fixed capital.....	\$40,446 66	\$1,848 11	\$891,323 29	\$323,726 15	\$122,763 21	\$34,047 30	\$30,010 13
Reserve for accrued depreciation.....	\$6,165 74		\$69,743 95	\$84,110 09	\$16,540 76	\$5,895 90	\$5,263 19
Reserve for amortisation of intangible capital.....					3,024 00		
Total credit.....	\$6,165 74		\$69,743 95	\$84,110 09	\$19,564 76	\$5,895 90	\$5,263 19
Net investment in fixed capital.....	\$34,280 92	\$1,848 11	\$821,579 34	\$239,616 06	\$103,198 45	\$28,151 40	\$24,746 94
Cash and deposits.....	2 50	450 80	21,524 46	5,149 65	1240 05	2,450 42	2,378 94
Notes receivable.....	1,250 11	404 87	17,684 07	5,561 01	1,982 71	43 22	1,793 54
Accounts receivable.....					1,094 55	200 00	
Other current assets.....							
Investments.....	58 86			14,757 50			
Treasury securities.....	40,100 00		5,350 00	31,500 00			
Working assets.....	1,200 00		52,859 19	619 75	1,941 04		1,446 09
Prepaid expenses.....	7 45		2,109 57		30 09		
Unamortized discount on securities and expenses.....			10,119 93	153,297 45	15,853 36		
Miscellaneous.....	34 68	1,594 00		197,200 00	810 53		
Corporate deficit.....		612 74			17,416 63		
Totals.....	\$76,934 52	\$4,910 52	\$931,226 56	\$647,701 42	\$142,087 31	\$30,988 77	\$30,365 51
<i>Liabilities.</i>							
Capital stock.....	\$50,000 00	\$2,500 00	\$430,500 00	\$207,000 00	\$60,000 00	\$17,400 00	\$10,000 00
Premium on capital stock.....	18,250 00		389,500 00	181,000 00	33,000 00		
Funded debt.....							
Assessment.....							6,957 00
Notes payable.....	5,244 59	2,410 52	41,915 40	206,211 70	33,203 08	1,000 00	
Accounts payable.....	1,241 52		8,139 65	15,551 99	8,738 62	368 00	56 55
Interest and taxes accrued.....	501 02		8,402 33	8,047 25	138 38		
Miscellaneous.....				2,163 46	7,007 23		
Reserves.....							
Income invested since December 31, 1913, in fixed capital.....							12,103 95
Appreciation of fixed capital.....							
Corporate surplus.....	1,597 39		52,769 18	27,727 02		12,220 77	1,248 01
Totals.....	\$76,934 52	\$4,910 52	\$931,226 56	\$647,701 42	\$142,087 31	\$30,988 77	\$30,365 51

<sup>1</sup>Credit item.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Smeltzer Home Telephone and Telegraph Company	Southern California Telephone Company	Southwestern Home Telephone Company	Sunland Rural Telephone Company	Suisun and Green Valley Telephone Company	The Tulare Home Telephone and Telegraph Company	Union Home Telephone and Telegraph Corporation <sup>1</sup>
<i>Assets.</i>							
Fixed capital installed prior to January 1, 1914.....	\$21,433 49	.....	\$444,442 75	\$165 35	\$3,747 70	\$35,610 06	\$3,013,341 57
Fixed capital installed since December 31, 1913.....	3,325 65	\$19,011,765 52	94,298 06	2,933 69	689 23	52,192 79	5,796 09
Total fixed capital .....	\$24,759 14	\$19,011,765 52	\$538,740 81	\$3,099 04	\$4,436 93	\$87,802 85	\$3,019,137 66
Reserve for accrued depreciation.....	\$13,554 83	\$3,781,241 89	\$43,128 62	.....	\$1,794 50	\$36,583 19	\$97,500 00
Reserve for amortization of intangible capital.....	.....	4,198 42	.....	.....	.....	.....	.....
Total credit.....	\$13,554 83	\$3,785,440 31	\$43,128 62	.....	\$1,794 50	\$36,583 19	\$97,500 00
Net investment in fixed capital.....	\$11,204 31	\$15,226,325 21	\$495,612 19	\$3,099 04	\$2,642 43	\$51,219 66	\$2,921,637 66
Cash and deposits.....	205 75	27,050 98	.....	779 02	508 13	2,154 11	4,662 50
Notes receivable.....	1,488 63	174,803 12	2,150 00	.....	41 00	1,276 10	542,375 59
Accounts receivable.....	.....	.....	4,525 06	.....	.....	.....	800 00
Other current assets.....	.....	.....	.....	.....	.....	.....	.....
Investments.....	.....	107,984 52	.....	.....	.....	.....	.....
Treasury securities.....	.....	.....	.....	90 00	.....	.....	.....
Working assets.....	.....	354,148 45	13,490 62	.....	.....	2,610 00	19,676 87
Prepaid expenses.....	.....	37,056 54	164 63	.....	.....	.....	.....
Unamortized discount on securities and expenses.....	.....	623,903 55	89,266 08	126 00	.....	1,136 24	36,500 00
Miscellaneous.....	.....	153 630 30	7,348 96	.....	.....	.....	.....
Corporate deficit.....	1,581 93	215,710 73	5,863 84	.....	308 44	.....	90,413 41
Totals.....	\$14,480 62	\$16,920,613 40	\$618,421 38	\$4,094 06	\$3,500 00	\$58,396 11	\$3,616,066 03
<i>Liabilities.</i>							
Capital stock.....	\$3,895 00	\$6,086,900 00	\$84,234 50	\$2,100 00	\$3,500 00	\$24,930 00	\$1,872,550 00
Premium on capital stock.....	.....	1,324,758 65	.....	.....	.....	.....	37,451 00
Funded debt.....	.....	8,198,000 00	440,337 50	.....	.....	15,000 00	1,382,000 00
Assessment.....	.....	.....	.....	.....	.....	.....	.....
Notes payable.....	.....	420,000 00	61,750 00	.....	.....	10,000 00	46,500 00
Accounts payable.....	1,912 88	658,149 30	14,839 38	.....	.....	347 40	48,581 01
Interest and taxes accrued.....	.....	77,611 16	4,765 50	.....	.....	485 62	206,650 00
Miscellaneous.....	.....	145,194 29	12,494 50	.....	.....	.....	22,334 02
Reserves.....	5,594 94	.....	.....	.....	.....	.....	.....
Income invested since December 31, 1913, in fixed capital.....	3,077 80	.....	.....	743 39	.....	.....	.....
Appreciation of fixed capital.....	.....	.....	.....	.....	.....	.....	.....
Corporate surplus.....	.....	.....	.....	1,250 67	.....	7,623 09	.....
Totals.....	\$14,480 62	\$16,920,613 40	\$618,421 38	\$4,094 06	\$3,500 00	\$58,396 11	\$3,616,066 03

<sup>1</sup>Sold to Associated Telephone Company.

TABLE NO. 1—Concluded.  
ABSTRACT OF BALANCE SHEETS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920

	United States Long Distance Telephone and Telegraph Company	Upper Dry Creek Telephone Company	Valley Telephone Company	The Western Union Telegraph Company	Whittier Home Telephone and Telegraph Company	Willits Telephone and Telegraph Company	Total
<i>Assets.</i>							
Fixed capital installed prior to January 1, 1914.....	\$3,846,947 87	\$3,270 00	\$31,633 23	\$108,446,781 54	\$143,322 09	\$6,868 33	\$119,153,277 88
Fixed capital installed since December 31, 1913.....	154,917 12	30 00	9,159 50	65,819,677 09	66,230 12	1,119 59	196,890,219 01
Total fixed capital.....	\$4,001,864 99	\$3,300 00	\$40,792 73	\$174,266,458 63	\$209,552 21	\$7,987 92	\$316,043,496 89
Reserve for accrued depreciation.....	\$548,953 22	\$163 50	\$20,191 03	\$17,140,237 49	\$25,550 33	.....	\$46,212,163 51
Reserve for amortization of intangible capital.....	.....	.....	.....	79,647 75	.....	.....	138,187 99
Total credit.....	\$548,953 22	\$163 50	\$20,191 03	\$17,219,885 24	\$25,550 33	.....	\$46,350,351 50
Net investment in fixed capital.....	\$3,452,911 77	\$3,136 50	\$20,601 70	\$157,046,573 39	\$184,001 88	\$7,987 92	\$269,693,145 39
Cash and deposits.....	17,566 49	560 45	91 49	8,079,518 16	1,967 08	533 83	8,847,136 37
Notes receivable.....	175,000 00	.....	.....	21,546 43	6,500 00	.....	475,145 24
Accounts receivable.....	82,099 43	.....	2,057 60	15,722,916 57	11,627 94	.....	19,509,295 21
Other current assets.....	.....	.....	.....	.....	.....	.....	878,340 52
Investments.....	10,050 00	700 00	.....	13,101,820 52	.....	1,250 00	30,656,079 36
Treasury securities.....	.....	.....	8,600 00	6,554,134 26	1,600 00	.....	6,697,007 76
Working assets.....	29,389 35	.....	.....	10,000,310 22	9,236 64	.....	14,060,129 72
Prepaid expenses.....	4,453 97	.....	.....	783,523 45	1,031 41	.....	1,143,633 48
Unamortized discount on securities and expenses.....	.....	.....	.....	.....	.....	.....	2,492,574 82
Miscellaneous.....	.....	.....	.....	7,524,373 96	307 08	.....	9,413,616 90
Corporate deficit.....	.....	.....	259 58	.....	.....	.....	887,658 06
Totals.....	\$3,771,471 01	\$4,396 95	\$31,610 37	\$218,834,716 96	\$216,272 03	\$9,771 75	\$364,753,762 83
<i>Liabilities.</i>							
Capital stock.....	\$3,000,000 00	\$3,840 00	\$25,000 00	\$101,568,601 66 <sup>1</sup>	\$60,000 00	\$4,500 00	\$169,137,446 16
Premium on capital stock.....	.....	.....	.....	.....	.....	.....	1,362,767 15
Funded debt.....	507,000 00	.....	.....	31,994,000 00	48,900 00	.....	84,781,090 50
Assessment.....	.....	.....	1,960 00	.....	.....	.....	16,217 50
Notes payable.....	.....	.....	3,000 00	.....	.....	.....	1,246,779 28
Accounts payable.....	22,120 53	.....	1,650 37	13,892,701 72	6,923 27	120 00	28,193,188 20
Interest and taxes accrued.....	8,830 53	.....	.....	7,579,056 40	3,074 69	.....	9,119,636 31
Miscellaneous.....	146,226 30	.....	.....	21,714,410 55	7,881 27	.....	28,444,572 22
Reserves.....	64,765 52	.....	.....	1,400,735 79	.....	.....	2,299,070 28
Income invested since December 31, 1913, in fixed capital.....	.....	30 00	.....	.....	73,608 89	.....	119,391 97
Appreciation of fixed capital.....	.....	.....	.....	.....	.....	.....	24,553 99
Corporate surplus.....	22,528 13	526 95	.....	40,685,210 84	15,883 91	5,151 75	45,009,099 27
Totals.....	\$3,771,471 01	\$4,396 95	\$31,610 37	\$218,834,716 96	\$216,272 03	\$9,771 75	\$364,753,762 83

<sup>1</sup>Includes \$1,781,876 capital stock of subsidiary companies.

TABLE NO. 2  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Associated Telephone Company <sup>1</sup>	California Telephone and Light Company	Campbell Telephone Company	Chileno Valley Telephone Company	Chinese, Jamestown and Sonora Telegraph Company <sup>2</sup>	Coachella Valley Home Telephone and Telegraph Company	Colusa County Telephone Company	Colorado River Telephone Company
Operating revenue	\$33,263 16	\$70,381 57	\$2,246 03	\$838 93	.....	\$3,454 00	\$46,639 17	\$7,552 20
Operating expenses	64,818 11	49,266 31	1,634 41	734 48	.....	6,212 53	44,849 22	6,480 32
Net operating revenue	\$23,444 05	\$27,115 26	\$421 64	\$104 47	.....	\$342 03	\$1,069 95	\$1,071 88
Net operating loss	.....	.....	22 00	31 52	.....	465 45	.....	.....
Nonoperating revenue	8,285 72	397 55	.....	.....	.....	.....	.....	.....
Gross corporate income	\$31,729 77	\$27,512 81	\$443 64	\$136 99	.....	\$777 48	\$1,069 95	\$1,071 88
Gross corporate loss	.....	.....	.....	.....	.....	.....	.....	.....
.....	\$249 69	\$26 84	.....	.....	.....	.....	.....	.....
.....	20,730 00	10,974 42	.....	.....	.....	.....	.....	.....
.....	235 43	.....	.....	.....	.....	\$2 17	\$1,060 06	\$350 91
.....	.....	1,307 80	.....	.....	.....	.....	4,149 96	796 00
.....	2,769 75	4,156 05	\$19 26	.....	\$6 10	303 52	1,739 16	243 40
.....	.....	944 95	.....	.....	.....	.....	1,123 72	.....
Total deductions	\$24,014 87	\$17,410 05	\$19 26	\$135 99	\$6 10	\$305 69	\$8,691 84	\$1,880 31
.....	\$7,714 90	\$10,102 78	\$424 38	144 00	.....	\$421 79	\$6,791 69	\$467 43
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	\$10,102 78	1,742 41	153 67	11 97	620 20	556 39	173 00
plus	.....	.....	.....	.....	.....	\$79 10	.....	.....
.....	7,714 90	.....	2,186 79	145 66	5 87	380 60	2,494 05	1,469 11
.....	.....	.....	.....	.....	.....	.....	9,732 33	1,794 54

<sup>1</sup>Began operations October 1, 1920<sup>2</sup>Not operating.<sup>3</sup>Transferred to electric table

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Corona Home Telephone and Telegraph Company	Coos and Curry Telephone Company <sup>1</sup>	Corona Union Telephone and Telegraph Company <sup>1</sup>	Consolidated Utilities Company	Del Norte Peoples Telephone Company	Delta Telephone and Telegraph Company	Don Pals Telephone Company	Downey Home Telephone and Telegraph Company
Operating revenue .....	\$18,617 14	\$114,905 55	.....	\$24,810 01	\$8,620 74	\$38,617 05	\$5,150 27	\$22,006 89
Operating expenses .....	11,859 77	94,051 40	.....	18,655 14	6,572 84	29,368 41	3,080 25	17,887 19
Net operating revenue .....	\$6,757 37	\$20,854 15	.....	\$5,944 87	\$2,337 90	\$9,253 64	\$2,069 99	\$4,119 70
Net operating loss .....	563 35	421 45	.....	.....	1,797 19	4,323 75	.....	82 65
Nonoperating revenue .....	.....	.....	.....	.....	.....	.....	.....	.....
Gross corporate income .....	\$7,300 72	\$21,365 63	.....	\$5,944 87	\$4,125 09	\$13,477 39	\$2,069 99	\$4,202 35
Gross corporate loss .....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Deductions.</i>								
Nonoperating revenue deductions .....	.....	.....	.....	.....	.....	.....	.....	.....
Interest accrued on funded debt .....	\$2,054 14	\$7,105 00	.....	\$329 09	.....	.....	.....	.....
Other interest deductions .....	.....	301 45	.....	.....	\$115 95	\$497 78	.....	.....
Rent deductions .....	.....	3,977 32	.....	.....	375 00	334 20	.....	\$331 50
Taxes .....	1,062 07	4,529 65	.....	631 63	963 57	1,361 52	\$164 07	\$17 01
Miscellaneous deductions .....	7 59	2,405 93	.....	.....	409 00	354 54	8 94	.....
Total deductions .....	\$3,114 10	\$18,319 34	.....	\$1,361 99	\$1,652 52	\$2,468 14	\$175 01	\$1,143 51
Net corporate income for year .....	\$4,176 52	\$13,046 29	.....	\$4,583 94	\$2,472 57	\$11,009 25	\$1,894 98	\$3,058 85
Net corporate loss for year .....	.....	.....	.....	.....	.....	.....	.....	.....
plus .....	1,156 36	13,650 00	.....	2,964 80	.....	.....	.....	2,400 00
surplus .....	478 21	5,274 23	.....	.....	.....	878 03	28 10	3,857 33
.....	924 65	112 50	.....	.....	2,223 77	349 37	1,063 45	2,528 57
.....	.....	7,475 55	.....	20,302 95	1,325 10	1,779 56	.....	300 38
.....	619 28	12,053 98	.....	22,111 10	1,573 90	13,317 46	\$49 54	.....
.....	1,944 49	.....	.....	.....	.....	.....	\$67 07	2,375 06

<sup>1</sup>Oregon operations.  
<sup>2</sup>Not operating.

TABLE NO. 3—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Deer California Hot Springs Telephone and Telegraph Company	Ed River and Southern Telephone Company	Federal Telegraph Company	Fowler Independent Telephone Company	Gilbey Telephone Company	Happy Valley Telephone Company	Home Telephone Company of Syracuse	Home Telephone Company of Corvair
Operating revenue.....	\$2,621 89	\$2,488 02	\$482,718 51	\$12,548 20	\$14,045 94	\$1,003 48	\$110 45	\$27,780 70
Operating expenses.....	1,515 86	8,568 86	300,487 10	9,963 06	9,987 86	734 87	180 00	41,321 44
Net operating revenue.....	\$1,106 13	\$669 16	\$182,231 41	\$2,585 14	\$4,167 08	\$268 61	\$70 05	\$16,459 26
Net operating loss.....		21 00	14,231 50	466 73	186 20	66 84		31 78
Nonoperating revenue.....								
Gross corporate income.....	\$1,106 13	\$618 33	\$184,453 00	\$1,078 37	\$4,304 27	\$201 76	\$70 05	\$16,491 01
Gross corporate loss.....								
	\$179 41					\$33 45		\$4,725 60
	180 00	\$421 20	\$94,388 12	\$144 25	3806 76			235 00
	49 54	302 03	7,348 90	380 00	740 28	61 23	23 33	3,755 25
	100 49		1,061 72	368 46	15 15	25 00		232 40
Total deductions.....	\$516 24	\$783 33	\$102,718 83	\$603 06	\$1,032 10	\$134 67	\$3 23	\$3,947 75
	\$587 89	\$126 52	\$60,734 17	\$170 81	\$2,063 06	\$363 00	\$73 37	\$7,643 26
		1,800 11	22,100 58		10,449 00			11,094 00
plus.....	56 08	844 00	2,431,388 47		16 64	9 21		5,543 21
	873 13	2,068 53	3,021,672 40	13,963 41	67 18	243 84		4,243 42
	1,403 94	4,831 16	706,236 08	14,154 23	9,407 34	1,000 24	203 07	12,486 88
					1,408 91	1,008 96	200 70	10,334 08

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Home Telephone and Telegraph Company of Pasadena	Honey Lake Valley Mutual Telephone Association	Huntington Beach Telephone Company	Interstate Telegraph Company	Kernan Telephone Company	Kern Mutual Telephone Company	Lindsay Home Telephone and Telegraph Company
Operating revenue.....	\$503,268 36	\$4,695 49	\$5,704 45	\$89,445 87	\$4,976 15	\$90,824 28	\$15,109 71
Operating expenses.....	423,755 31	6,337 00	5,031 51	58,985 66	5,746 61	70,117 15	12,486 59
Net operating revenue.....	\$79,513 05		\$672 94	\$30,460 21		\$20,707 13	\$2,623 12
Net operating loss.....		\$1,641 51			\$770 46		
Nonoperating revenue.....	82 54	120 81		410 92		2,860 47	919 15
Gross corporate income.....	\$79,595 59		\$672 94	\$30,871 13		\$23,567 60	\$3,542 27
Gross corporate loss.....		\$1,520 70			\$770 46		
Deductions.							
Nonoperating revenue deductions.....	\$11 65					\$52 58	\$45 73
Interest accrued on funded debt.....	23,575 00			\$14,734 00			\$76 00
Other interest deductions.....	53,917 62	\$700 00		5,526 64	\$201 21		230 52
Rent deductions.....	10,528 15	25 51		2,286 07	170 00	1,655 14	
Taxes.....	23,759 80	173 04	\$328 00	3,818 03	198 66	5,874 63	696 53
Miscellaneous deductions.....	2,282 49	36 64	1 70	285 85	33 01		101 00
Total deductions.....	\$114,074 71	\$935 19	\$329 70	\$26,650 59	\$602 88	\$7,582 35	\$1,949 78
Net corporate income for year.....			\$343 24	\$4,220 54		\$15,985 25	\$1,592 49
Net corporate loss for year.....	\$34,479 12	\$2,455 89			\$1,373 24	25,500 00	1,750 00
Dividends.....							
Miscellaneous additions to surplus.....		520 64		8,179 32	2 65		
Miscellaneous deductions from surplus.....	329 12	229 08		2,557 19			
Surplus December 31, 1919.....						71,641 61	2,170 27
Deficit December 31, 1919.....	204,871 94	2,890 20		18,893 81	5,454 00		
Surplus December 31, 1920.....			343 24			62,126 86	2,012 76
Deficit December 31, 1920.....	239,680 18	5,054 53		9,061 14	6,824 69		

TABLE NO. 2--Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Los Gatos Telephone Company	McFarland Telephone Company	Monrovia Telephone and Telegraph Company	Needles Gas and Electric Company	Nevada, California and Oregon Telephone and Telegraph Company	Northern Trinity Telephone and Telegraph Company	Novato Utilities Company
Operating revenue	\$23,258 08	\$1,961 72	\$28,641 47	\$7,591 53	\$47,406 73	\$761 67	\$2,433 27
Operating expenses	15,728 36	1,576 43	19,252 79	8,301 70	33,888 80	771 33	2,519 65
Net operating revenue	\$7,531 67	\$385 29	\$9,388 68	\$1,289 83	\$13,517 93	\$9 34	\$913 62
Net operating loss	21 25				49 06		
Nonoperating revenue							
Gross corporate income	\$7,552 92	\$385 29	\$9,388 68	\$1,289 83	\$13,566 99	\$9 34	\$913 62
Gross corporate loss							
Deductions.							
Nonoperating revenue deductions			\$1,500 00				
Interest accrued on funded debt	\$121 50		15 00		\$9,186 32		
Other interest deductions	1,143 70	\$160 00	19 00		309 54		
Rent deductions	999 24	73 42	1,249 16	\$339 30	1,460 42		\$143 00
Taxes	397 25	54 16	181 43		1,768 88		133 26
Miscellaneous deductions					948 57		16 05
Total deductions	\$2,671 69	\$277 58	\$2,964 59	\$339 30	\$7,673 73		\$302 41
	\$4,861 23	\$7 71	\$6,424 09	\$660 63	\$5,894 26	\$9 34	\$378 79
	1,024 00		4,390 00		2,480 88		1378 70
	349 75				39,417 85		
plus	302 80		76	1950 53	9,808 65		
	13,614 00	58 06	1,313 64		8,508 97	\$9 34	
	16,618 78	59 79	3,346 97		41,611 54		

Transferred to electric table.







TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Fernando Telephone and Telegraph Company	San Joaquin Valley Telephone Company	Santa Barbara Telephone Company	Santa Monica Bay Home Telephone Company	Santa Paula Home Telephone Company	Sierra Madre Telephone and Telegraph Company	Siskiyou Telephone Company
Operating revenue.	\$18,019 11	\$1,616 40	\$281,236 64	\$123,265 28	\$25,869 92	\$14,178 33	\$11,659 05
Operating expenses	12,187 01	1,376 71	201,283 66	93,938 76	24,510 94	10,926 27	9,461 32
Net operating revenue	\$5,832 10	\$239 69	\$79,953 98	\$29,326 52	\$1,358 98	\$3,252 06	\$2,228 63
Net operating loss			904 30	10,162 74		864 59	
Nonoperating revenue							
Gross corporate income	\$5,832 10	\$239 69	\$80,857 80	\$39,490 26	\$1,358 98	\$4,116 65	\$2,228 63
Gross corporate loss							
<b>Deductions.</b>							
Nonoperating revenue deductions	\$1,113 50		\$19,682 06	\$19,465 10	\$1,650 00		
Interest accrued on funded debt				541 11	2,024 52		
Other interest deductions			3,356 13	2,381 43		\$345 09	
Rent deductions	554 50		13,392 21	6,000 00	1,236 17	1,714 82	\$180 00
Taxes	900 00	\$42 76	1,496 92	3,802 96	685 08	48 17	503 77
Miscellaneous deductions	130 98						296 85
Total deductions	\$2,697 98	\$42 76	\$39,927 94	\$32,190 60	\$5,597 77	\$2,007 99	\$980 62
Net corporate income for year	\$3,134 12	\$196 93	\$40,930 85	\$7,306 66		\$2,108 66	\$1,248 01
Net corporate loss for year					\$4,238 79	1,302 00	
Dividends	703 00						
Miscellaneous additions to surplus			18,225 75	11,603 32	1,806 54		
surplus			17,453 39	730 60	418 00		2,060 37
	744 73	308 67	11,046 27	9,545 90	14,506 38	11,504 11	2,060 37
	1,507 39	612 74	\$2,769 16	\$7,727 02	17,416 63	12,220 77	1,248 01

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Smeltzer Home Telephone and Telegraph Company	Southern California Telephone Company	Southwestern Home Telephone Company	Sunland Rural Telephone Company	Suisun and Green Valley Telephone Company	The Tulare Home Telephone and Telegraph Company	Union Home Telephone and Telegraph Corporation <sup>1</sup>
Operating revenue.....	\$6,148 42	\$5,262,607 44	\$111,743 36	\$3,966 91	\$1,178 04	\$29,919 08	\$225,975 16
Operating expenses.....	6,156 09	4,844,050 69	76,644 50	2,447 84	869 02	22,442 22	166,174 10
Net operating revenue.....		\$418,556 75	\$35,098 86	\$1,519 07	\$309 02	\$7,476 86	\$59,801 05
Net operating loss.....	\$7 67						
Nonoperating revenue.....	85 85	21,212 94	175 00				11,396 93
Gross corporate income.....	\$78 18	\$439,769 69	\$35,273 86	\$1,519 07	\$309 02	\$7,476 86	\$71,197 98
Gross corporate loss.....							
<i>Deductions.</i>							
Nonoperating revenue deductions.....	\$16 87						\$749 09
Interest accrued on funded debt.....		\$412,447 93	\$22,399 87			\$900 00	51,825 00
Other interest deductions.....	30 20	16,297 20	4,197 96			222 70	5,679 13
Rent deductions.....	195 00	23,054 34	2,638 05	\$67 20		925 00	
Taxes.....	235 62	292,309 40	5,888 06	607 41	\$46 86	1,237 10	10,032 36
Miscellaneous deductions.....	96 95	42,828 48	249 92			162 32	
Total deductions.....	\$574 64	\$786,937 35	\$35,273 86	\$674 61	\$46 86	\$3,447 12	\$68,285 58
Net corporate income for year.....							
Net corporate loss for year.....	\$496 46	\$347,167 66		\$844 46	\$262 16	\$4,029 74	\$2,912 40
Dividends.....						2,493 00	
Miscellaneous additions to surplus.....		13,419 93					
Miscellaneous deductions from surplus.....	131 52	6,058 61					
Surplus December 31, 1919.....		124,095 61		150 06			
Deficit December 31, 1919.....	953 95		\$5,863 84	556 27		6,086 35	93,325 81
Surplus December 31, 1920.....				1,250 67	570 60		
Deficit December 31, 1920.....	1,581 93	215,710 73	5,863 84		308 44	7,623 09	90,413 41

<sup>1</sup>To September 30, 1920. Property sold to Associated Telephone Company.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920

	United States Long Distance Telephone and Telegraph Company	Upper Dry Creek Telephone Company	Valley Telephone Company	The Western Union Telegraph Company	Whittier Home Telephone and Telegraph Company	Willits Telephone and Telegraph Company	Total
Operating revenue .....	\$531,703 89	\$491 75	\$8,148 90	\$119,991,835 26	\$76,089 38	\$3,515 87	\$150,053,741 26
Operating expenses .....	450,364 26	24 30	8,513 60	98,608,590 93	53,184 04	3,170 00	129,308,151 98
Net operating revenue .....	\$81,339 63	\$467 45		\$21,483,234 33	\$22,905 34	\$345 87	\$30,745,689 28
Net operating loss .....			\$366 70				
Nonoperating revenue .....	9,895 88		841 13	1,481,860 37	877 08	54 51	2,085,243 23
Gross corporate income .....	\$91,035 51	\$467 45	\$474 43	\$22,955,094 70	\$23,782 42	\$400 08	\$32,800,832 51
Gross corporate loss .....							
Net income .....	\$91,035 51	\$467 45	\$474 43	\$22,955,094 70	\$23,782 42	\$400 08	\$32,800,832 51
Net corporate income for year .....	\$91,035 51	\$467 45	\$474 43	\$22,955,094 70	\$23,782 42	\$400 08	\$32,800,832 51
Net corporate loss for year .....							
Dividends .....		\$124 49	\$926 76	\$9,035,450 81	\$7,348 76	\$140 90	\$16,121,592 47
Miscellaneous additions to surplus .....		\$332 96	\$451 33	\$13,239,644 39	\$16,483 67	\$359 18	\$16,079,240 04
Miscellaneous deductions from surplus .....	6,007 96			6,982,536 50	4,800 00	440 00	9,006,645 66
Surplus December 31, 1919 .....	16,503 48		1,455 39	1,864,793 40	21,573 88		2,497,635 45
Deficit December 31, 1919 .....	8,104 37	513 96	1,647 14	1,330,647 68	16,556 31		3,906,093 42
Surplus December 31, 1920 .....	\$2,526 13	\$38 06		\$3,793,969 23	\$1,067 33	\$6,345 87	\$7,978,093 76
Deficit December 31, 1920 .....			\$59 56	\$4,085,310 84	\$16,583 91	\$6,181 75	\$4,241,039 27

TABLE NO. 2  
ABSTRACT OF OPERATING REVENUES OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	California Telephone and Light Company	Campbell Telephone Company	Chileno Valley Telephone Company	Chinese, Jamestown and Sonora Telegraph Company <sup>1</sup>	Coachella Valley Home Telephone and Telegraph Company	Colusa County Telephone Company	Colorado River Telephone Company	Corona Home Telephone and Telegraph Company
<i>Exchange Service Revenue.</i>								
Subscribers station revenues	\$43,437 87	\$2,946 06	\$338 04		\$2,907 18	\$22,673 67	\$7,853 20	\$16,080 40
Public pay station revenues								
Miscellaneous exchange service revenues	2,268 87		373 43					
Services stations								
Private exchange lines								
Minor rents of exchange plant	39 00							
Other exchange revenues								
Total exchange service revenues	\$45,705 74	\$2,246 06	\$712 47		\$2,907 18	\$22,673 67	\$7,853 20	\$16,080 40
<i>Toll Service Revenue.</i>								
Message tolls								
Miscellaneous toll line revenues	\$28,744 41		\$126 46		\$681 94	\$7,068 53		\$1,370 64
Leased toll lines								
Telegraph tolls					1,668 48			
Telegraph service on toll lines								
Minor rents of toll plant	211 40							
Other toll line revenues								
Total toll service revenues	\$28,955 81		\$126 46		\$2,347 42	\$7,068 53		\$1,370 64
<i>Revenue.</i>								
						\$66 53		
Property	\$861 15							\$66 10
Cr.	798 87					465 20		
Dr.						10,373 24		
Total miscellaneous operating revenue	\$1,660 02					\$10,904 97		\$66 10
Grand total	\$76,381 57	\$2,246 06	\$838 93		\$5,254 60	\$40,639 17	\$7,853 20	\$18,017 14
Not operating								

TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUES OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Coos and Curry Telephone Company <sup>2</sup>	Corona Union Telephone and Telegraph Company <sup>1</sup>	Consolidated Utilities Company	Del Norte Peoples Telephone Company	Delta Telephone and Telegraph Company	Dos Palos Telephone Company	Downey Home Telephone and Telegraph Company	Duor California Hot Springs Telephone and Telegraph Company
<i>Exchange Service Revenue.</i>								
Subscribers station revenues.....	\$70,470 22		\$22,918 75	\$3,078 00	\$3,009 50		\$18,258 27	\$438 90
Public pay station revenues.....	25 95					\$4,079 91		
Miscellaneous exchange service revenues.....						311 29		
Service stations.....								
Private exchange lines.....	190 21			22 60			62 60	
Minor rents of exchange plant.....				78 50			704 00	
Other exchange revenues.....								
<b>Total exchange service revenue.....</b>	<b>\$70,686 38</b>		<b>\$22,918 75</b>	<b>\$3,179 10</b>	<b>\$3,009 50</b>	<b>\$4,391 20</b>	<b>\$19,024 87</b>	<b>\$438 90</b>
<i>Toll Service Revenues.</i>								
Message tolls.....	\$42,657 53		\$1,761 35	\$3,049 18	\$35,302 05	\$676 57	\$2,978 67	\$2,003 70
Miscellaneous toll line revenues.....								
Leased toll lines.....								
Telegraph tolls.....				1,211 54				173 39
Telegraph service on toll lines.....								
Minor rents of toll plant.....				641 29				6 00
Other toll line revenues.....								
<b>Total toll service revenue.....</b>	<b>\$42,657 53</b>		<b>\$1,761 35</b>	<b>\$4,902 01</b>	<b>\$35,302 05</b>	<b>\$676 57</b>	<b>\$2,978 67</b>	<b>\$2,183 09</b>
<i>Miscellaneous Operating Revenues.</i>								
Messenger service.....	\$122 64						\$3 35	
Telegraph commissions.....								
Other telegraph service charges.....	1,529 00							
Advertising and directory.....								
Rents from other operating property.....								
Other miscellaneous revenue.....			\$129 91	\$132 77	\$305 50	\$82 50		
Licensee revenue.....				406 86				
Licensee revenue.....								
<b>Total miscellaneous operating revenue.....</b>	<b>\$1,651 64</b>		<b>\$129 91</b>	<b>\$539 63</b>	<b>\$305 50</b>	<b>\$82 50</b>	<b>\$3 35</b>	
<b>Grand total.....</b>	<b>\$114,995 55</b>		<b>\$24,810 01</b>	<b>\$8,620 74</b>	<b>\$38,617 05</b>	<b>\$5,150 27</b>	<b>\$22,006 89</b>	<b>\$2,621 99</b>

<sup>1</sup>Not operating.  
<sup>2</sup>Includes Oregon operations.

TABLE NO. 3—Continued.  
 ABSTRACT OF OPERATING REVENUES OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Eel River and Southern Telephone Company	Federal Telegraph Company	Fowler Independent Telephone Company	Gilroy Telephone Company	Happy Valley Telephone Company	Home Telephone Company of Sycamore	Home Telephone Company of Corvina	Home Telephone and Telegraph Company of Pamidsna
<i>Exchange Service Revenue.</i>								
Subscribers station revenues	\$8,440 13		\$9,633 35	\$9,758 40	\$604 20		\$53,843 90	\$448,681 17
Public pay station revenues				33 60				6,193 49
Miscellaneous exchange service revenues				754 60				
Service stations								
Private exchange lines								1,063 45
Minor rents of exchange plant								442 74
Other exchange revenues								
Total exchange service revenue	\$8,440 13		\$9,633 35	\$10,546 60	\$604 20		\$53,843 90	\$455,380 85
<i>Toll Service Revenue.</i>								
Message tolls								
Miscellaneous toll line revenues		\$429,077 83	\$936 45	\$3,509 34	\$459 28	\$110 55	\$3,504 05	\$35,068 29
Leased toll lines								
Telegraph tolls								
Telegraph service on toll lines								
Minor rents of toll plant								
Other toll line revenues	\$1,047 88							
Total toll service revenue	\$1,047 88	\$429,077 83	\$936 45	\$3,509 34	\$459 28	\$110 55	\$3,504 05	\$35,068 29
<i>Licensee revenue.</i>								
								\$1,416 96
							\$433 76	10,938 16
		\$51,325 73						477 12
		2,315 46						
Cr.								
Dr.								
Total miscellaneous operating revenue.		\$53,641 18					\$432 75	\$12,829 22
Grand total	\$9,488 01	\$482,718 51	\$10,569 80	\$14,055 94	\$1,063 48	\$110 55	\$57,780 70	\$503,268 36



TABLE NO. 3—Continued.  
 ABSTRACT OF OPERATING REVENUES OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Honey Lake Valley Mutual Telephone Association	Interstate Telephone Company	Kerman Telephone Company	Kern Mutual Telephone Company	Lindsay Home Telephone and Telegraph Company	Los Gatos Telephone Company	McFarland Telephone Company	Monrovia Telephone and Telegraph Company
net.								
Service stations	\$4,067 23	\$23,052 38	\$4,000 58	\$46,361 47	\$10,928 81	\$18,707 11	\$1,479 00	\$23,086 88
Private exchange lines		37 50				96 85		
Minor rents of exchange plant				63 50		36 25		
Other exchange revenues								1,703 06
Total exchange service revenues	\$4,067 23	\$23,090 88	\$4,000 58	\$46,424 97	\$10,928 81	\$18,804 31	\$1,479 00	\$24,789 93
Toll Service Revenues.								
Message tolls	\$546 57	\$40,178 36		\$42,733 61	\$3,559 63	\$3,794 77	\$483 72	\$3,756 04
Miscellaneous toll line revenues		18,083 72						
Leased toll lines		7,356 01						
Telegraph tolls								
Telegraph service on toll lines	61 10	106 10						
Minor rents of toll plant			\$42 57					
Other toll line revenues								
Total toll service revenues	\$607 76	\$46,724 19	\$42 57	\$42,733 61	\$3,559 63	\$3,794 77	\$483 72	\$3,756 04
revenue.								
	\$0 40					\$6 80		
		\$323 75		\$1,866 00		206 26		145 80
Other miscellaneous revenues		308 06	\$123 00		\$631 28	418 08		
Licensee revenue								
Licensee revenue								
Total miscellaneous operating revenue	\$0 40	\$631 80	\$123 00	\$1,866 00	\$631 28	\$633 06		\$145 80
Grand total	\$4,665 49	\$90,445 87	\$4,976 15	\$90,534 38	\$15,109 71	\$33,203 03	\$1,961 72	\$28,641 47

TABLE NO. 2—Continued.  
 ABSTRACT OF OPERATING REVENUES OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920

	Needles Gas and Electric Company	Nevada, California and Oregon Telephone and Telegraph Company	Northern Trinity Telephone and Telegraph Company	Novato Utilities Company	Ontario and Upland Telephone Company	Oxnard Home Telephone Company	The Pacific Telephone and Telegraph Company	Paso Robles and Shandon Telephone Company
<i>Exchange Service Revenues.</i>								
Subscribers station revenues	\$7,200 13	\$11,072 51	\$534 00	\$1,077 73	\$61,941 54	\$24,459 44	\$19,091,746 00	\$1,794 37
Public pay station revenues					131 46		654,045 70	
Miscellaneous exchange service revenues	382 56				106 53		158,932 50	
Service stations							62,540 74	
Private exchange lines					6 75		46,907 30	
Minor rents of exchange plant		350 00						
Other exchange revenues								
Total exchange service revenues	\$7,591 63	\$11,422 51	\$534 00	\$1,077 73	\$62,096 28	\$24,459 44	\$20,806,072 35	\$1,794 37
<i>Toll Service Revenues.</i>								
Message tolls		\$18,896 94	\$141 64	1935 55	\$4,940 45		\$9,502,241 78	\$78 25
Miscellaneous toll line revenues		1,033 19					96,428 05	
Leased toll lines							3,333 47	
Telegraph tolls							428,006 92	
Telegraph service on toll lines		15,901 56					55,582 83	
Minor rents of toll plant			86 05	468 90				
Other toll line revenues								
Total toll service revenues		\$36,921 60	\$227 67	\$243 45	\$4,940 45		\$10,066,062 04	\$78 25
<i>Misc.</i>								
		\$32 53		25 10	32 90	\$3 30	\$33,363 22	
<i>Y.</i>								
					1,173 55	286 80	517,255 52	
							6,076 29	
				67 00	39 95	861 14	17,974 19	
<i>Cr.</i>						5,157 82	2,008 42	
<i>Dr.</i>					13,006 42		1,312,182 71	
Total miscellaneous operating revenue		\$62 53		\$72 10	\$1,792 32	\$6,218 76	\$736,003 77	
Grand total	\$7,591 63	\$47,406 73	\$761 67	\$2,433 27	\$65,234 41	\$40,778 20	\$29,066,781 00	\$1,783 62

<sup>1</sup>Debit item.

<sup>2</sup>Not segregated.



TABLE NO. 2—Continued.  
 ABSTRACT OF OPERATING REVENUES OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31 1920.

	Sacramento Valley Telephone Company	San Antonio Home Telephone Company	San Fernando Telephone and Telegraph Company	San Joaquin Valley Telephone Company	Santa Barbara Telephone Company	Santa Monica Home Telephone Company	Santa Paula Home Telephone Company	Sierra Madre Telephone and Telegraph Company
Exchange Service Revenues.								
Subscribers station revenues	\$20,496 07	\$209 50	\$13,512 86	\$725 40	\$208,974 82	\$112,105 98	\$21,407 90	\$10,188 72
Public pay station revenues	135 53				3,381 28			
Service revenues.								
.....	1,846 53				470 86			
.....	10 60				299 27			
.....	91 53				204 60			
.....			606 00		2,021 54			
Total exchange service revenues	\$21,530 45	\$209 50	\$14,118 86	\$725 40	\$210,362 27	\$112,105 98	\$21,407 90	\$10,188 72
Toll Service Revenues.								
Message tolls	\$24,005 10			\$331 00	\$57,454 56	\$11,159 20		\$3,835 61
Miscellaneous toll line revenues								
Leased toll lines	13 92				1,713 07			
Telegraph tolls	13 25				112 97			
Telegraph service on toll lines								
Minor rents of toll plant			\$3,352 11					
Other toll line revenues								
Total toll service revenues	\$24,722 27		\$3,352 11	\$331 00	\$59,280 70	\$11,159 20		\$3,835 61
et.								
.....	\$73 27		\$1 45		\$170 08		\$3 20	
.....	2,331 30		46 80		1,122 43			
.....	128 40				3,530 24		134 60	
.....					471 00		281 53	\$154 00
Cr.							4,042 90	
Dr.								
Total miscellaneous operating revenues	\$2,532 06		\$48 25		\$5,593 67		\$4,462 83	\$154 00
Grand total	\$108,594 78	\$209 50	\$15,019 11	\$1,016 40	\$281,236 04	\$123,265 20	\$26,860 93	\$14,178 33

Debit item.

TABLE NO. 3—Continued.  
 ABSTRACT OF OPERATING REVENUES OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Siakiyou Telephone Company	Smelter Home Telephone and Telegraph Company	Southern California Telephone Company	Southwestern Home Telephone Company	Sealand Rural Telephone Company	Siemon and Green Valley Telephone Company	The Tulare Home Telephone and Telegraph Company	Union Home Telephone and Telegraph Corporation <sup>1</sup>
misc.								
revenue	\$4,645 70	\$4,868 51	\$4,391,975 02 414,302 36	\$90,902 82 1,000 78	\$1,256 30	\$1,178 04	\$24,136 06	\$200,306 23
			143 00					
			12,621 07	399 28				
		218 00	26,776 81					
Total exchange service revenue	\$4,645 70	\$5,086 51	\$4,554,916 86	\$92,021 85	\$1,256 30	\$1,178 04	\$24,136 06	\$200,306 23
Toll Service Revenues.								
Message tolls	\$7,002 88	\$1,061 91	\$308,189 24	\$18 125 00	\$3,606 50		\$5,182 50	\$16,000 93
Miscellaneous toll line revenues								
Leased toll lines								
Telegraph tolls								
Telegraph service on toll lines								
Minor rents of toll plant								
Other toll line revenues								
Total toll service revenue	\$7,002 88	\$1,061 91	\$308,189 24	\$18,125 00	\$3,606 50		\$5,182 50	\$16,000 93
et.								
			\$10,788 31					
			207,351 88	9086 50				
			126 00					
	\$41 37		1,337 00		\$100 02		3086 53	
Cr.								
Dr.			119,990 86					
Total miscellaneous operating revenue	\$41 37		\$90,601 34	\$986 50	\$100 02		\$608 53	
Grand total	\$11,689 95	\$6,148 42	\$5,263,007 44	\$111,743 36	\$3,906 81	\$1,178 04	\$29,919 08	\$221,975 15

<sup>1</sup>Debit item.

<sup>2</sup>To September 30, 1920. Property sold to Associated Telephone Co.

TABLE NO. 3—Continued  
 ABSTRACT OF OPERATING REVENUES OF TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	United States Long Distance Telephone and Telegraph Company	Upper Creek Telephones Company	Valley Telephone Company	The Western Union Telegraph Company <sup>1</sup>	Whittier Home Telephone and Telegraph Company	Willits Telephone and Telegraph Company	Associated Telephone Company	Huntington Beach Telephone Company	Total
<i>Exchange Service Revenues.</i>									
Subscribers station revenues		\$432 26	\$8,101 50	\$119,991,825 26 <sup>1</sup>	\$66,671 07		\$52,118 75	\$3,995 26	\$147,261,942 93
Public pay station revenues									1,086,315 80
Miscellaneous exchange service revenues									1,137 10
Service stations									164,511 06
Private exchange lines					338 54				76,535 22
Minor rents of exchange plant					2,449 00				84,381 26
Other exchange revenues									9,251 00
Total exchange service revenue		\$432 26	\$8,101 50	\$119,991,825 26	\$69,459 61		\$52,118 75	\$3,995 26	\$148,684,074 39
<i>Toll Service Revenues.</i>									
Message tolls	\$620,205 75				\$5,940 17	\$1,257 32	\$6,143 41	\$1,611 54	\$11,233,774 80
Miscellaneous toll line revenues	10,613 93								6,607 62
Leased toll lines									125,125 70
Telegraph tolls									14,255 34
Telegraph service on toll lines						2,258 26			446,361 31
Minor rents of toll plant	783 14		\$45 40						59,073 93
Other toll line revenues									12,875 06
Total toll service revenue	\$631,692 82		\$45 40		\$5,940 17	\$3,515 57	\$6,143 41	\$1,611 54	\$11,897,073 55
<i>etc.</i>									
					\$17 40				\$455 20
									46,761 19
					668 20			84 15	749,998 07
					4 00			13 50	68,900 61
	\$11 07	\$56 50							29,062 47
<i>Cr.</i>									22,745 04
<i>Dr.</i>									\$1,436,359 16
Total miscellaneous operating revenue	\$11 07	\$56 50			\$689 60			\$67 65	\$627,406 68
Grand total	\$631,703 89	\$491 75	\$8,146 90	\$119,991,825 26	\$76,089 38	\$3,515 57	\$68,262 16	\$5,704 45	\$160,063,741 26

<sup>1</sup>Accounts kept according to Interstate Commerce Classification for telegraph companies. Not segregated.

<sup>2</sup>Debit item.

**TABLE NO. 4.**  
**ABSTRACT OF OPERATING EXPENSES CLASS "A" AND "B" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA**  
**DURING THE YEAR ENDING DECEMBER 31, 1920.**

	California Telephone and Light Company	Cross and Curry Telephone Company's	Federal Telephone Company	Home Telephone and Telegraph Company of Pasadena	Interstate Telephone Company	Kern Mutual Telephone Company	Ontario and Upland Telephone Company	The Pacific Telephone and Telegraph Company
<i>Maintenance Expenses.</i>								
Supervision of maintenance	\$1,301 23	\$1,536 22		\$6,216 87	\$776 03	\$2,085 47	\$7,008 72	\$431,090 06
Repairs of aerial plant	10,261 75	12,131 56		18,911 44	11,270 31	3,569 74	1,775,401 70	1,775,401 70
Repairs of underground plant		156 27		2,230 44	2 87	7 74	102 23	206,753 40
Repairs of central office equipment	892 01	1,453 39		15,564 67	1,616 30	1,116 46	1,342 00	639,628 46
Repairs of station equipment	685 19	949 45	\$8,102 03	13,246 30	841 41	1,822 36	2,096 28	728,958 18
Repairs of buildings and grounds	16 52		1,985 75	1,164 36	61 20	473 77	60 24	94,364 52
Station removals and changes	1,201 48	332 31		27,043 22	418 24	427 35	4,105 64	788,562 20
	5,842 81	16,881 48	6,561 67	120,450 00	5,000 00	16,490 85	20,675 00	4,698,325 00
Repairs charged to reserves		202 33		436 06	2 50	1,734 34	1,073 92	7,797 89
		15,682 81		44 50				93,040 78
<b>Total maintenance expenses</b>	<b>\$20,250 99</b>	<b>\$27,817 68</b>	<b>\$15,629 45</b>	<b>\$206,299 86</b>	<b>\$19,987 96</b>	<b>\$27,098 08</b>	<b>\$36,462 03</b>	<b>\$9,536,800 63</b>
<i>Traffic Expenses.</i>								
Central office superintendence	\$121 47			\$4,114 27	\$702 18			\$330,218 72
Traffic superintendence		\$1,709 15		1,397 18	3 30		\$2 50	76,797 03
Service inspection			\$1,585 24	4,326 26			308 00	143,173 88
Clerical operating wages			50,183 44	131,676 37	12,827 67	\$13,252 78	17,453 30	7,100,013 16
Operators wages	15,136 25	24,357 47	104,433 64				196 86	
Central office supplies and expenses	1,910 88	1,846 57	4,692 16	3,541 71	54 40			141,239 06
Rest and lunch rooms				14,631 77	136 36		1,618 95	377,309 20
Operators schooling				2,732 02	1,202 80	1,414 95	601 48	204,224 36
Transmission power		652 90		579 18	162 91		29 48	37,998 06
Central office stationery and printing			11,500 97	63 26	144 06	120 20		19,760 74
Messenger service		86 90	62,379 67	3,802 04	364 22	943 90	1,306 84	358,479 71
Miscellaneous central office expenses			5,794 82	953 52	7 17			108,565 06
Pay station expenses				3,260 25				61,932 41
Other traffic expenses	1,717 20	272 13						
<b>Total traffic expenses</b>	<b>\$18,867 60</b>	<b>\$30,935 20</b>	<b>\$240,569 94</b>	<b>\$171,089 79</b>	<b>\$15,605 06</b>	<b>\$15,631 83</b>	<b>\$21,511 26</b>	<b>\$8,977,902 71</b>





TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "A" AND "B" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Pomona Valley Telephone and Telegraph Union	Postal Telegraph Cable Company <sup>1</sup>	Sacramento Valley Telephone Company	Santa Barbara Telephone Company	Santa Monica Bay Home Telephone Company	Southern California Telephone Company	Southwestern Home Telephone Company	Union Home Telephone and Telegraph Corporation
<i>Maintenance Expenses.</i>								
Supervision of maintenance	\$1,320 06		\$3,218 30	\$6,400 00	\$3,022 94	\$102,313 44	\$2,681 77	\$5,272 00
Repairs of aerial plant	9,315 47		17,347 04	26,472 42	20,326 17	192,147 62	12,661 69	18,888 54
Repairs of underground plant			31 57	110 67	978 06	35,131 84	235 61	699 90
Repairs of central office equipment	2,366 33		2,896 49	6,609 06	4,515 04	321,331 65	809 05	11,639 06
Repairs of station equipment	3,149 03		4,068 04	8,824 12	4,426 25	210,760 30	3,655 83	4,748 92
	515 40		169 06	425 22	409 65	29,870 40	234 03	2,794 47
	1,883 44		2,064 74	7,428 81	3,013 49	222,382 13	1,392 32	4,193 62
	22,178 85		13,635 58	34,250 00	16,700 00	1,002,460 00	11,168 61	32,737 50
			50			543 66		1,506 14
			12,347 70			110,162 34	9,911 32	
<b>Total maintenance expenses.</b>	<b>\$40,749 58</b>		<b>\$41,943 62</b>	<b>\$89,430 19</b>	<b>\$65,398 59</b>	<b>\$2,106,768 70</b>	<b>\$29,017 70</b>	<b>\$62,490 06</b>
<i>Traffic Expenses.</i>								
Central office superintendence								
Traffic superintendence			\$1,282 19	\$2,219 69	\$1,400 00	\$63,077 85	\$750 00	\$4,212 82
Service inspection					508 37	16,326 27		
Clerical operating wages			119 94	993 40		40,619 53		
Operators wages	\$37,063 54		32,540 39	52,890 10	11,267 26	1,587,994 61	20,174 30	54,260 93
Central office supplies and expenses							3,259 41	
Rest and lunch rooms			200 39	730 74		23,801 27		
Operators schooling			32 00	1,129 30		99,069 78		
Transmission power	2,703 61		2,558 36	3,007 49	728 55	43,875 96		1,845 89
Central office stationery and printing			274 65	366 65	377 94	7,140 21		
Messenger services			207 44	178 11				
Miscellaneous central office expenses	2,263 13		2,993 94	2,876 46	1,009 58	68,371 61		
Pay station expenses			800 06	365 00		6,296 18		
Other traffic expenses			514 40	32 98		20,478 40		411 08
<b>Total traffic expenses.</b>	<b>\$32,920 26</b>		<b>\$41,334 38</b>	<b>\$64,898 82</b>	<b>\$15,281 69</b>	<b>\$1,967,061 57</b>	<b>\$24,163 71</b>	<b>\$60,790 42</b>



TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "A" AND "B" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	United States Long Distance Telephone and Telegraph Company	The Western Union Telegraph Company	Whitaker Home Telephone and Telegraph Company	Associated Telephone Company <sup>1</sup>	Home Telephone Company of Covina	Totals
<i>Maintenance Expenses.</i>						
Supervision of maintenance .....	\$3,317 98	.....	\$1,161 86	\$1,606 27	\$16 91	\$572,351 43
Repairs of aerial plant .....	69,703 74	.....	6,908 84	8,129 19	4,380 03	2,324,334 87
Repairs of underground plant .....	20,176 28	.....	2,271 80	495 67	22 96	248,753 53
.....	1,702 91	.....	776 57	\$,001 32	1,537 68	1,238,256 14
.....	.....	.....	4 71	1,505 16	1,237 84	1,001,476 27
.....	16 77	.....	1,034 66	212 90	84 37	132,956 57
.....	46,163 56	.....	8,517 12	2,434 16	285 91	1,069,239 48
.....	77 22	.....	.....	12,263 50	9,500 00	6,102,983 53
Repairs charged to reserves .....	.....	.....	72 07	405 87	.....	13,858 25
.....	.....	.....	\$3,020 33	.....	\$1,236 24	269,374 02
<b>Total maintenance expenses .....</b>	<b>\$141,000 31</b>	<b>.....</b>	<b>\$19,018 03</b>	<b>\$39,733 03</b>	<b>\$15,919 91</b>	<b>\$12,543,526 06</b>
<i>Traffic Expenses.</i>						
Central office superintendence .....	.....	.....	.....	.....	.....	\$4,531 25
Traffic superintendence .....	.....	.....	.....	.....	.....	411,435 79
Service inspection .....	22,499 02	.....	.....	.....	.....	96,619 46
Clerical operating wages .....	1,850 56	.....	.....	.....	.....	242,145 21
Operators wages .....	2,421 27	.....	.....	.....	.....	9,448,975 22
Central office supplies and expenses .....	190,419 55	.....	16,963 40	19,456 66	13,929 53	18,603 92
Rest and lunch rooms .....	.....	.....	.....	.....	.....	170,134 79
Operators schooling .....	566 30	.....	.....	.....	.....	494,018 06
Transmission power .....	.....	.....	.....	.....	.....	267,996 57
Central office stationery and printing .....	979 89	.....	441 64	637 06	.....	64,893 59
Messenger service .....	6,451 14	.....	1 50	.....	.....	83,080 01
Miscellaneous central office expenses .....	114 85	.....	24 80	.....	.....	449,227 42
Pay station expenses .....	10,939 03	.....	222 14	.....	.....	113,167 01
Other traffic expenses .....	300 00	.....	.....	.....	.....	113,983 57
.....	4,146 52	.....	.....	1,058 00	15 00	.....
<b>Total traffic expenses .....</b>	<b>\$230,897 51</b>	<b>.....</b>	<b>\$17,853 46</b>	<b>\$23,571 39</b>	<b>\$17,203 82</b>	<b>\$11,977,766 96</b>

OPERATING EXPENSES "A" & "B" TEL. & TEL. CORPORATIONS. 393

<i>Commercial Expenses.</i>									
Commercial administration.....							\$2,112 40	\$538 08	\$1,832,706 88
Promotion expenses.....							231 26	230 00	1,042 05
Advertising.....									36,892 92
Cablegrams.....									20,166 35
Subscription relations.....									13,460 38
Collection expenses.....							8,528 87	2,803 27	38,227 16
Revenue accounting.....	\$34,120 45								769,255 44
Revenue collecting.....	25,194 87								855,337 82
Pay station commissions.....	3,255 88								304,488 04
Directory expenses.....	3,617 43						94 26	372 81	545,200 46
Other commercial expenses.....							3,277 51		16,389 40
Total commercial expenses.....	\$66,198 23						\$9,253 90	\$3,434 18	\$3,673,267 50
<i>Non-Commercial Expenses.</i>									
.....									\$53,350 06
.....	\$11,900 00							\$1,947 00	197,798 49
.....	818 42								188,579 63
.....								304 06	7,288 82
.....	2,316 86								19,268 73
.....	69 51								18,942 89
.....									20,017 79
.....	2,009 00						\$397 07		75,865 18
.....	3,873 83						942 03	755 83	76,409 33
.....									17,077 97
.....									1,986 42
.....								1,737 54	736 91
.....									278,947 04
.....									209,039 51
.....									85,885 21
.....	751 00							3141 00	\$209,417 15
Total general and miscellaneous expenses.....	\$22,299 11						\$1,259 70	\$4,664 33	\$1,018,126 83
<i>Reconciliation of Expenses.</i>									
.....									\$12,543,526 05
.....	\$141,069 31						\$30,723 03	\$15,919 91	11,977,769 96
.....	220,697 51						23,571 39	17,203 02	3,673,267 50
.....	64,198 33						9,253 90	2,434 18	1,018,126 83
.....	22,899 11						1,259 70	4,664 33	
Total operating expenses.....	\$450,264 26						\$64,818 11	\$41,221 44	\$6125,812,529 30

<sup>1</sup>From October 1, 1920, only.

<sup>2</sup>Credit item.

<sup>3</sup>Accounts kept according to Interstate Commerce Commission for telephone companies.

<sup>4</sup>Includes expenses of Postal Telegraph Cable Co. \$1,091,243.03 and Western Union Telegraph Co. \$98,568,590.93 net segregated to accounts.

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "C" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Campbell Telephone Company	Chileno Valley Telephone Company	Chinese, Jamestown and Sonora Telegraph Company's	Coachella Valley Home Telephone and Telegraph Company	Columbia County Telephone Company	Colorado River Telephone Company	Corona Home Telephone and Telegraph Company	Corona Union Telephone and Telegraph Company's
<i>Maintenance Expenses.</i>								
<i>plant</i>	9066 10	\$347 40	.....	\$2,038 08	\$3,180 06	\$846 40	\$1,070 95	.....
<i>and grounds</i>	424 26	1172 18	.....	406 66	1,265 21	143 26	891 80	.....
<i>depreciation</i>					11,510 11	2,479 34	2,361 03	.....
Total maintenance expenses.....	\$1,400 36	\$175 22	.....	\$2,443 73	\$15,895 38	\$3,469 00	\$4,293 78	.....
<i>Traffic and Commercial Expenses.</i>								
Superintendence, inspection and operators wages.....				\$2,016 82	\$16,351 54	\$1,267 40	\$3,659 26	.....
Other traffic expenses ..	\$318 06	\$126 48	.....	462 31	1,897 62	491 71	465 48	.....
Commercial expenses.....		373 80	.....		4,483 85	789 06	.....	.....
Total traffic and commercial expenses.....	\$318 06	\$499 37	.....	\$2,478 93	\$32,733 01	\$2,548 19	\$4,084 74	.....
<i>General and Miscellaneous.</i>								
General office salaries.....	\$75 00	\$20 00	.....	\$1,233 87	\$1,500 00	\$58 00	\$2,205 41	.....
General office supplies and expenses.....	31 00	.....	.....	20 00	1,221 00	80 24	1,195 84	.....
Miscellaneous general expenses.....		30 80	.....	86 36	3,260 83	274 89	.....	.....
Total general and miscellaneous expenses ..	\$106 00	\$50 80	.....	\$1,339 93	\$4,020 83	\$413 13	\$3,401 25	.....
Total expenses .....	\$1,824 41	\$734 48	.....	\$4,212 56	\$44,646 23	\$6,430 23	\$11,899 77	.....

<sup>1</sup>Credit item.

<sup>2</sup>Not operating.

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "C" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Consolidated Utilities Company	Del Norte Peoples Telephone Company	Delta Telephone and Telegraph Company	Des Palms Telephone Company	Downey Home Telephone and Telegraph Company	Duane California Hot Springs Telephone and Telegraph Company	Eel River and Southern Telephone Company	Fowler Independent Telephone Company
.....	8879 59	\$1,119 34	\$2,331 34	3442 25	\$2,513 97	.....	\$1,046 88	\$2,006 18
.....	1,052 63	159 19	455 15	172 25	403 59	.....	505 45	.....
.....	4,941 53	60 00	6,454 93	.....	2,537 29	.....	456 00	1,096 67
Total maintenance expenses .....	\$5,873 75	\$1,338 53	\$9,381 45	\$614 00	\$5,552 05	\$116 84	\$2,147 33	\$4,307 55
<i>Traffic and Commercial Expenses.</i>								
Superintendence, inspection and operators wages .....	\$7,811 53	\$1,912 74	\$6,771 00	\$1,556 05	\$6,915 25	\$900 80	\$2,080 50	\$2,972 00
Other traffic expenses .....	206 56	512 15	5,913 03	130 55	576 92	65 75	395 52	.....
Commercial expenses .....	.....	1,806 20	2,850 16	125 37	1,120 23	.....	151 11	654 30
Total traffic and commercial expenses .....	\$8,206 11	\$3,931 19	\$15,504 21	\$1,825 00	\$8,623 29	\$1,046 76	\$2,530 13	\$3,606 30
<i>General and Miscellaneous.</i>								
General office salaries .....	\$2,428 50	\$900 00	\$3,300 00	\$445 08	\$2,320 00	\$300 00	\$1,800 00	\$1,854 35
General office supplies and expenses .....	.....	111 97	25 50	159 77	597 05	32 26	981 30	263 75
Miscellaneous general expenses .....	1,354 78	111 15	1,053 25	44 91	204 67	90 00	140 00	99 91
Total general and miscellaneous expenses .....	\$3,783 28	\$1,023 12	\$4,907 75	\$640 85	\$3,711 75	\$332 26	\$2,921 30	\$2,043 01
Total expenses .....	\$18,805 14	\$9,282 84	\$29,303 41	\$3,086 28	\$17,987 19	\$1,515 86	\$5,506 65	\$9,953 65

<sup>a</sup>Credit item.

<sup>b</sup>Not operating.

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Gilroy Telephone Company	Happy Valley Telephone Company	Home Telephone Company of Sycamore	Honey Lake Valley Mutual Telephone Association	Kerman Telephone Company	Lindsay Home Telephone and Telegraph Company	Los Gatos Telephone Company	McFarland Telephone Company <sup>1</sup>
<i>Maintenance Expenses.</i>								
Superintendence and repairs of plant.....	\$475 64	\$56 00	.....	\$1,103 15	\$530 58	\$933 12	\$1,532 29	.....
Repairs of equipment, buildings and grounds.....	293 68	51 52	\$180 60	512 51	416 63	515 00	1,178 93	.....
Miscellaneous maintenance and depreciation.....	1,693 99	72 00	.....	1,070 72	1,286 39	3,085 07	3,293 68	.....
Total maintenance expenses.....	\$2,463 31	\$179 52	\$180 60	\$2,686 38	\$2,233 60	\$4,533 19	\$6,004 90	.....
<i>Traffic and Commercial Expenses.</i>								
Superintendence, inspection and operators wages.....	\$2,975 50	\$276 00	.....	\$1,107 33	\$1,800 00	\$4,625 51	\$4,832 70	.....
Other traffic expenses.....	371 82	54 87	.....	528 71	423 00	415 62	449 33	.....
Commercial expenses.....	2,267 17	222 18	.....	127 14	12 99	1,446 11	798 08	.....
Total traffic and commercial expenses.....	\$5,614 49	\$553 05	.....	\$1,763 18	\$2,235 99	\$6,487 24	\$6,080 11	.....
<i>General and Miscellaneous.</i>								
General office salaries.....	\$906 00	.....	.....	\$1,760 00	\$350 00	\$308 75	\$2,697 50	.....
General office supplies and expenses.....	1 70	.....	.....	22 55	921 02	106 00	168 80	.....
Miscellaneous general expenses.....	902 46	\$2 00	.....	104 89	6 00	1,052 41	775 05	.....
Total general and miscellaneous expenses.....	\$1,810 16	\$2 00	.....	\$1,887 44	\$1,277 02	\$1,466 16	\$3,641 35	.....
Total expenses.....	\$9,887 96	\$734 57	\$180 60	\$6,337 00	\$5,746 61	\$12,486 59	\$15,726 36	\$1,676 43

<sup>1</sup>No record of segregation.

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "C" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Mourovie Telephone and Telegraph Company	Needles Gas and Electric Company	Nevada, California and Oregon Telegraph and Telephone Company	Northern Trinity Telephone and Telegraph Company	Novato Utilities Company	Ornard Home Telephone Company	Paso Robles and Shandon Telephone Company
.....	\$2,356 00	\$648 14	\$4,452 12	.....	\$424 43	\$1,082 02	.....
.....	2,267 28	629 78	651 14	.....	.....	1,709 52	\$178
.....	2,079 70	557 38	6,242 74	.....	287 46	8,018 68	635
Total maintenance expenses .....	\$6,703 07	\$1,835 26	\$11,346 00	\$269 26	\$721 98	\$12,210 42	\$814 79
<i>Traffic and Commercial Expenses.</i>							
Superintendence, inspection and operators wages .....	\$6,124 30	\$2,031 98	\$7,970 99	\$500 00	\$986 06	\$8,049 46	\$913 26
Other traffic expenses .....	453 52	.....	4,251 27	.....	119 98	557 05	.....
Commercial expenses .....	1,671 96	279 03	3,461 06	164 46	.....	4,129 65	.....
Total traffic and commercial expenses .....	\$8,649 77	\$2,911 01	\$15,683 01	\$666 46	\$1,106 04	\$13,036 16	\$913 26
<i>General and Miscellaneous.</i>							
General office salaries .....	\$3,206 28	.....	\$3,200 00	.....	\$549 86	\$3,450 00	\$240 00
General office supplies and expenses .....	162 87	\$1,450 76	3,424 17	\$15 50	120 50	512 57	34 85
Miscellaneous general expenses .....	440 80	104 68	1,126 02	.....	20 77	2,784 20	49 33
Total general and miscellaneous expenses .....	\$3,809 95	\$1,555 44	\$6,849 79	\$15 50	\$591 13	\$6,226 77	\$324 18
Total expenses .....	\$19,282 79	\$6,301 70	\$33,883 80	\$771 23	\$2,519 85	\$32,073 37	\$2,052 32

<sup>1</sup>No record of segregation.





TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "C" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Fernando Telephone and Telegraph Company	San Joaquin Valley Telephone Company	Santa Paula Home Telephone Company	Sierra Madre Telephone and Telegraph Company	Siskiyou Telephone Company	Smelter Home Telephone and Telegraph Company	Sanland Rural Telephone Company
<i>Maintenance Expenses.</i>							
<i>plant</i>	\$1,825 76	.....	\$1,544 43	\$1,900 39	\$1,831 18	\$1,632 51	\$973 99
<i>and grounds</i>	490 26	.....	1,315 06	406 48	.....	173 14	.....
<i>depreciation</i>	1,253 83	\$346 70	6,974 43	1,907 91	1,433 32	216 60	167 55
Total maintenance expenses	\$3,519 85	\$346 70	\$8,833 94	\$4,403 78	\$3,264 50	\$2,021 25	\$1,141 54
<i>Traffic and Commercial Expenses.</i>							
<i>Superintendence, inspection and operators wages</i>	\$3,815 53	\$1,100 73	\$8,403 06	\$3,031 79	\$2,535 75	\$2,242 75	\$1,200 00
<i>Other traffic expenses</i>	315 16	.....	578 04	212 89	138 86	374 89	15 86
<i>Commercial expenses</i>	1,126 24	15 75	2,784 57	889 60	1,402 07	285 97	.....
Total traffic and commercial expenses	\$5,256 93	\$1,116 48	\$12,065 77	\$4,034 28	\$4,176 77	\$2,853 61	\$1,215 86
<i>General and Miscellaneous.</i>							
<i>General office salaries</i>	\$2,706 00	.....	\$1,390 80	\$1,720 00	\$1,700 00	\$353 09	\$31 09
<i>General office supplies and expenses</i>	218 23	.....	1 90	173 81	.....	.....	17 70
<i>Miscellaneous general expenses</i>	435 96	\$13 53	1,219 33	544 70	390 05	926 23	21 75
Total general and miscellaneous expenses	\$3,410 19	\$13 53	\$2,611 23	\$2,438 51	\$2,020 05	\$1,281 23	\$50 45
Total expenses	\$12,187 01	\$1,376 71	\$34,510 94	\$10,926 27	\$9,461 22	\$6,156 09	\$2,447 84

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "C" TELEPHONE AND TELEGRAPH CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Suisun and Green Valley Telephone Company	The Tulare Home Telephone and Telegraph Company	Upper Dry Creek Telephone Company	Valley Telephone Company	Willits Telephone and Telegraph Company	Huntington Beach Telephone Company	Total
Superintendent				\$3,364 87		\$223 69	\$33,149 43
Repairs of e	\$369 02	\$227 37				135 33	22,495 79
Miscellaneous		147 86	\$15 00	2,858 73	\$780 10	847 99	94,463 70
Total maintenance expenses	\$369 02	6,329 80	\$15 00	\$6,223 10	\$780 10	\$1,216 01	\$175,106 92
<i>Traffic and Commercial Expenses.</i>							
Superintendence, inspection and operators wages		\$8,247 32			\$1,742 31	\$1,856 80	\$165,756 87
Other traffic expenses		1,421 24		\$1,165 78	677 50	345 05	28,235 34
Commercial expenses		1,630 65				180 00	42,831 76
Total traffic and commercial expenses		\$11,299 21		\$1,165 78	\$2,419 80	\$2,352 35	\$220,813 77
<i>General and Miscellaneous.</i>							
General office salaries		\$118 25		\$340 00		\$763 80	\$15,021 93
General office supplies and expenses		28 90		142 72		475 75	12,289 16
Miscellaneous general expenses		4,290 83	\$9 30	142 00		221 51	24,112 50
Total general and miscellaneous expenses		\$4,437 98	\$9 30	\$1,124 72		\$1,461 15	\$92,023 56
Total expenses	\$369 02	\$22,442 23	\$24 30	\$8,513 60	\$3,170 00	\$5,031 51	\$94,05,622 68

<sup>1</sup>Includes \$1,976.43 expenses of McFarland Telephone Co. not segregated to accounts.

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## **WATER COMPANIES.**

**List of Water Companies and Their Officials.**

**Tables 1 to 4, Inclusive.**

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**WATER COMPANIES.****A—Officers of Companies Whose 1920 Annual Reports Are Summarized in This Report.****The Anderson Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager;

R. F. Haimes, Vice President;

F. G. Munzer, Secretary;

Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Anderson Water Company.**

Incorporated 1885, under the laws of California.

F. A. Cody, President and General Manager;

E. G. Cody, Secretary.

Business address, Anderson, California.

**Antelope Creek and Red Bluff Water Company.**

Incorporated April 10, 1888, under the laws of California.

Elliott McAllister, President;

Emil Eugeleke, Vice President;

H. B. P. Corden, Secretary;

Bank of Tehama County, Depository.

Business address, 14 Montgomery street, San Francisco.

**Artesian Water Company.**

Incorporated April 20, 1900, under the laws of California.

M. K. Rindge, President;

F. H. Rindge, Vice President;

F. B. Scotton, Secretary.

Business address, 1120 Trust and Savings Building, Los Angeles.

**Associated Water Company.**

Incorporated March 8, 1913, under the laws of California.

Paul Shoup, President;

E. Tauszky, Vice President and Attorney;

P. G. Williams, Secretary and Auditor;

W. A. Sloan, Treasurer;

L. J. King, General Superintendent.

Business address, 55 New Montgomery street, San Francisco.

**August Oil Company.**

Incorporated April 2, 1910, under the laws of California.

F. A. Homan, President and General Manager;

F. D. Prescott, Vice President;

A. W. Bundick, Secretary;

J. R. Peters, Superintendent.

Business address, Fresno, California.

**Bakersfield Water Works.**

Incorporated February 21, 1920, under the laws of California.

J. R. Williams, President;

Thos. C. Williams, General Manager;

Fairfax Williams, Secretary and Treasurer.

Business address, 1012 Baker street, Bakersfield, California.

**Bay Point Utilities Company.**

Incorporated September 26, 1916, under the laws of California. Has acquired the property of the Bay Point Light and Water Company.

F. A. Warner, President and General Manager;  
G. S. Arnold, Vice President, Secretary and Treasurer;  
C. B. Johnson, General Superintendent.

Business address, 711 Syndicate Building, Oakland, California.

**Beaumont Land and Water Company.**

Incorporated August 19, 1907, under the laws of California.

Clarendon B. Eyer, President and Treasurer;  
Kenneth R. Smoot, Vice President and Secretary.

Business address, Beaumont, California.

**Baldwin Park Domestic Water Company.**

Incorporated October, 1920, under the laws of California.

S. M. Walker, President and General Manager;  
T. H. Wygant, Secretary;  
Jeanette Walker, Treasurer.

Business address, Baldwin Park, California.

**Bear Gulch Water Company.**

Incorporated October 8, 1889, under the laws of California.

Guy C. Earl, President;  
R. J. Taussig, Vice President;  
Ralph P. Merritt, Secretary and General Manager;  
E. Britton, General Superintendent.

Business address, 351 California street, San Francisco.

**Bell Water Company.**

Incorporated December 2, 1902, under the laws of California.

W. H. King, President;  
J. H. Clewett, Vice President;  
Alvea H. Pearson, Secretary and Treasurer.

Business address, Bell, California.

**Belvedere Water Company.**

Incorporated May 21, 1914, under the laws of California.

Peter Janss, President;  
Edwin Janss, Vice President;  
Harold Janss, Secretary;  
R. T. Frank, General Manager and Superintendent.

Business address, 404 Metropolitan Building, Los Angeles.

**Benicia Water Company.**

Incorporated January 24, 1905, under the laws of California.

Ansley K. Salz, President;  
Alexander Hamilton, Vice President;  
H. D. Allen, Secretary;  
Kullman Salz & Co., Treasurer;  
M. K. Salz, General Superintendent.

Business address, 603 Wells Fargo Building, San Francisco.

**Beverly Hills Utilities Company.**

Incorporated September 24, 1914, under the laws of California.

Burton E. Green, President and Treasurer;  
W. E. Dunn, First Vice President;  
M. H. Whittier, Second Vice President;  
F. B. Sutton, Secretary and Treasurer.

Business address, 617 Merritt Building, Los Angeles.

**The Buena Vista Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager;

W. W. Frazier, Vice President;

F. G. Munzer, Secretary;

Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**The Campbell Water Company.**

Incorporated January 30, 1914, under the laws of California. Reorganization of Campbell Water Company.

Ralph H. Hyde, President and General Manager;

George E. Hyde, Vice President;

T. B. Jones, Secretary;

Garden City Bank and Trust Company, Treasurer.

Business address, Campbell, California.

**Centerville Water Company.**

Incorporated October 26, 1914, under the laws of California.

M. S. Pires, Jr., President;

Rose L. Pires, Secretary;

F. E. McGurrin, Treasurer.

Business address, 718 First Savings Bank Building, Oakland.

**The Central Canal Company.**

Incorporated July 2, 1890, under the laws of California.

H. A. Jastro, President;

R. F. Haimes, Vice President;

F. G. Munzer, Secretary;

Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Chico Water Supply Company.**

Incorporated October 22, 1908, under the laws of California. Formed by reorganization of Chico Water Company and acquisition of said company November 1, 1908.

Ed. Harkness, President;

S. L. Sproul, Vice President;

A. G. Simpson, Secretary, Manager and Superintendent;

Butte County National Bank, Treasurer.

Business address, 133 Broadway, Chico, California.

**Citizens Land and Water Company of Upland.**

Incorporated February 12, 1903, under the laws of California.

Charles Ruedy, President;

A. P. Harwood, Vice President;

C. P. Fuller, Secretary and Treasurer.

Business address, Box 578 Upland, California.

**Citizens Water Company of Niles.**

Incorporated July 31, 1907, under the laws of California.

F. V. Jones, President;

W. V. Eberly, Vice President;

E. A. Ellsworth, Secretary and General Manager.

Business address, Niles California.



**Citizens Water Company of San Jacinto.**

Incorporated August 9, 1910, under the laws of California. Acquired San Jacinto Valley Water Company August 9, 1910.

W. J. Williams, President;  
F. H. Nichols, Vice President;  
Geo. E. Hallett, Secretary;  
A. J. Waters, Treasurer.

Business address, San Jacinto, California.

**City Water Company of Banning.**

Incorporated February 18, 1913, under the laws of California. Acquired Banning Water Company, February 25, 1914.

D. H. Gates, President;  
M. F. Gilman, Vice President;  
Chas. S. Hill, Secretary;  
W. L. Chase, General Manager.

Business address, Banning, California.

**City Water Company of Ocean Park.**

Incorporated April 15, 1905, under the laws of California. Purchased property of Guaranty Realty Company, January 3, 1919.

G. M. Jones, President and General Manager;  
T. H. Dudley, Vice President;  
L. E. Langford, Secretary;  
Ocean Park Bank, Treasurer;  
Geo. R. Edgley, General Superintendent, Venice, California.  
L. H. Giddings, General Superintendent, Santa Monica, California.

Business address, Ocean Park, California.

**Claremont Domestic Water Company.**

Incorporated December 20, 1912, under the laws of California. Formed by acquisition of Citizens Light and Water Company.

L. T. Gillett, President;  
G. S. Sumner, Vice President;  
J. D. Johnson, Secretary;  
H. T. Belcher, Treasurer;  
W. White, General Manager.

Business address, Claremont, California.

**Coalinga Consolidated Water Company.**

Incorporated February 24, 1903, under the laws of California. Formed by consolidation of Coalinga Water Company and Coalinga Range Water Company. Controlled through stock ownership. Pleasant Valley Water Company.

W. L. Winaus, President;  
W. H. Bueneman, Vice President;  
C. H. Dickinson, Secretary and Auditor.

Business address, P. O. Box D, Tulare, California.

**Compton Water and Lighting Company.**

Incorporated December 12, 1903, under the laws of California.

J. V. Shepard, President;  
F. L. Walton, Vice President;  
E. E. Elliott, Secretary and Treasurer;  
C. I. Mason, General Superintendent.

Business address, Compton, California.

**Coneland Water Company.**

Incorporated March 8, 1907, under the laws of California.

C. D. Conway, President;  
Jay Lawyer, Vice President and General Manager;  
J. H. Connery, Secretary and Treasurer.

Business address, Los Molinos, California.

**Conservative Water Company.**

Incorporated April 21, 1904, under the laws of California. Formerly Conservative Realty Company.

W. W. Pedder, President and General Manager;

J. L. Brown, Vice President;

A. B. Pedder, Secretary.

Business address, 8619 Fir street, Los Angeles.

**Consolidated Canal Company.**

Incorporated August 12, 1901, under the laws of California by consolidation of Fowler Switch Canal Company; Centerville and Kingsburg Irrigation Ditch Company; Emigrant Ditch Company.

L. A. Nares, President;

R. M. Bostwick, Secretary;

I. Teilman, Chief Engineer.

Business address, Fresno, California.

**Consolidated Water Company of Pomona.**

Incorporated July 15, 1896, under the laws of California.

E. B. Gridley, President;

F. L. Lathrop, Vice President;

G. A. Lathrop, Secretary and General Manager.

Business address, Pomona, California.

**Corona City Water Company.**

Incorporated September 27, 1897, under the laws of California.

R. L. Willits, President;

C. M. Scoville, Secretary;

First National Bank, Treasurer;

H. R. Case, General Manager.

Business address, Corona, California.

**Coronado Water Company.**

Incorporated July 14, 1886, under the laws of California. Acquired Southern California Mountain Water Company, November 30, 1914.

J. D. Spreckels, President;

W. Clayton, Vice President and Managing Director;

Claus Spreckels, Secretary and Treasurer;

A. Ervast, Manager;

N. E. Brown, Auditor.

Business address, San Diego, California.

**Cottonwood Irrigation and Mining Company.**

Incorporated April 9, 1902, under the laws of California.

E. J. Fowler, President and General Superintendent;

D. M. Horn, Vice President;

E. R. Greive, Secretary and Treasurer.

Business address, Hornbrook, California.

**The Cove Water Company.**

Incorporated July 14, 1915, under the laws of California.

E. M. Sheridan, President;

Neil Sheridan, Vice President;

Josephine Barber, Secretary.

Business address, Orange Cove, California.

**Crown Water Company.**

Incorporated March 11, 1910, under the laws of California, by reorganization of Belvedere Water Company.

G. E. Campbell, President;  
J. R. Gilman, Secretary;  
C. D. Sutliff, Treasurer;  
Wm. Barber, Chief Engineer.

Business address, 515 Slavin Building, Pasadena, California.

**Crystal Springs Water Company.**

Incorporated January 2, 1906, under the laws of California.

J. M. Pruden, President and General Superintendent;  
Ruth Pruden, Vice President;  
Mrs. Grace Edwards, Secretary and Treasurer.

Business address, 254 Massachusetts avenue, Sawtelle, California.

**Cuyamaca Water Company.**

Owned by James A. Murray, Ed. Fletcher and Wm. G. Henshaw.

James A. Murray, President;  
Lou B. Mathews, Secretary;  
Ed. Fletcher, General Manager;  
C. Harritt, General Superintendent.

Business address, 916 Eighth street, San Diego, California.

**Davis Water Company.**

Incorporated April 8, 1913, under the laws of California by reorganization of Schmeiser Manufacturing Company.

T. G. Schmeiser, President;  
W. E. Bates, First Vice President;  
Mrs. C. L. Schmeiser, Secretary.

Business address, Davis, California.

**Del Mar Water, Light and Power Company.**

Incorporated February 6, 1908, under the laws of California.

Wm. G. Kerckhoff, President;  
Henry Kressman, Secretary.

Business address, 801 Garland Building, Los Angeles.

**Diamond Ridge Water Company.**

Incorporated March 23, 1916, under the laws of California.

O. Scribner, President and General Manager;  
Chas. B. Bills, Vice President;  
M. B. Downing, Secretary and Treasurer.

Business address, 58 Sutter street, San Francisco.

**East Bay Water Company.**

Incorporated November 13, 1916, under the laws of California. Acquired Peoples Water Company, January 1, 1917, which had acquired Contra Costa Water Company; Oakland Water Company; East Shore Water Company; Alameda Artesian Water Company; Richmond Water Company; Syndicate Water Company.

W. E. Creed, President;  
J. Y. Eccleston, First Vice President;  
R. M. Fitzgerald, Second Vice President;  
S. M. Marks, Secretary and Treasurer;  
George H. Wilhelm, Vice President and General Manager.

Business address, 510 Sixteenth street, Oakland, California.

**East Gardena Water Company.**

Incorporated June 23, 1902, under the laws of California.

F. W. Sutter, President and General Manager;

L. H. Jennings, Secretary and Treasurer.

Business address, Gardena, California.

**East Sacramento Water Company.**

Incorporated January 14, 1910, under the laws of California.

M. N. Williamson, President;

Peter Zing, Vice President;

J. M. Waters, Secretary.

Business address, 620 J street, Sacramento, California.

**The East Side Canal Company.**

Incorporated February 17, 1892, under the laws of California.

A. K. Warren, President;

F. G. Munzer, Secretary and Auditor;

Kern County Canal and Water Company, Treasurer;

H. A. Jastro, General Manager.

Business address, 1704 Nineteenth street, Bakersfield, California.

**East Side Canal and Irrigation Company.**

Incorporated February 23, 1887, under the laws of California.

George J. Hatfield, President and General Manager;

Judith B. Hatfield, Vice President;

M. I. Clancy, Secretary and Treasurer;

J. G. Walther, General Superintendent.

Business address, 401 Foxcroft Building, San Francisco.

**The Electric Water Company.**

Incorporated September 24, 1897, under the laws of California.

H. A. Jastro, President and General Manager;

A. D. M. Osborne, Vice President;

F. G. Munzer, Secretary;

Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**El Segundo Water Company.**

Incorporated November 1, 1918, under the laws of California. Formed by reorganization of the Arena Water Company and the El Segundo Land Improvement Company.

M. L. McCray, President;

L. A. McCray, Vice President;

Harold D. Dale, Secretary;

El Segundo State Bank, Treasurer;

L. C. Roberts, General Superintendent.

Business address, El Segundo, California.

**Empire Water Company.**

Incorporated May, 1906, under the laws of California.

S. H. Tolhurst, President;

Geo. F. Ross, Vice President;

Jas. W. Long, Secretary.

Business address, 720 South Figueroa street, Los Angeles.

**El Modeno Domestic Water Company.**

Incorporated October 14, 1914, under the laws of California.

W. F. Crist, President and General Manager;

Nellie E. Crist, Secretary.

Business address, El Modeno, California.

**El Dorado Water Company.**

Incorporated April 26, 1919, under the laws of California.

James A. Irving, President;  
William Veerkamp, Vice President.;  
O. P. Fitch, Secretary and Treasurer;  
R. W. Hawley, General Manager;  
Wm. Albright, General Superintendent. .

Business address, 833 Market street, Commercial Building, San Francisco.

**Etna Development Company.**

Incorporated April 2, 1896, under the laws of California.

J. P. Baker, President and General Manager;  
J. A. Denny, Secretary;  
Jos. Stephens, Treasurer.

Business address, Etna Mills, California.

**Escalon Water and Light Company.**

Incorporated August 22, 1911, under the laws of California.

S. J. Irwin, President;  
O. A. Fisk, Vice President;  
H. L. McPherson, Secretary.

Business address, Escalon, California.

**Euclid Avenue Water Company.**

Incorporated December 24, 1900, under the laws of California. Acquired Los Robles Water Company, February, 1908.

John Earle Jardine, President;  
W. A. O. Munsell, Vice President;  
Theodore Taylor, Secretary;  
Union National Bank of Pasadena, Treasurer;  
C. E. Pearson, General Superintendent.

Business address, 1418 Wilson avenue, South Pasadena..

**Excelsior Water and Mining Company.**

Incorporated March 9, 1877, under the laws of California.

Chas. F. Ayer, President;  
W. F. Dubois, Vice President and General Manager;  
C. F. Metteer, Secretary.

Business address, 920 Forum Building, Sacramento, California.

**Fairmont Water Company.**

Incorporated March 4, 1907, under the laws of California. Acquired Pacific Building Company, June 1, 1914.

O. W. Cotton, President;  
W. S. Heller, Secretary and Treasurer;  
Geo. Russel, General Superintendent.

Business address, San Diego, California.

**Fairview Land and Water Company.**

Incorporated March 1, 1886, under the laws of California.

W. B. Weir, President;  
W. R. Whittier, Vice President;  
C. Knight, Secretary and Treasurer;  
Mart Morse, General Superintendent.

Business address, Hemet, California.

**Fall River Mills Water Company.**

Incorporated July 23, 1904, under the laws of California.

C. L. Straub, President and Treasurer;  
Delila Straub, Vice President;  
Ada Straub, Secretary.

Business address, Fall River Mills, California.

**The Farmers Canal Company.**

Incorporated May 8, 1880, under the laws of California.

H. A. Jastro, President and General Manager;

F. G. Munzer, Secretary;

Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Farmers Irrigation Company.**

Incorporated July 23, 1917, under the laws of California.

C. C. Teague, President and General Manager;

A. C. Hardison, Vice President;

C. P. Foster, Secretary and Treasurer;

V. M. Freeman, General Superintendent.

Business address, Santa Paula, California.

**Fay Water Company.**

Incorporated November 14, 1914, under the laws of California.

A. L. Marre, President;

L. J. Marre, Vice President;

G. O. Marre, Secretary, Treasurer and General Manager.

Business address, Port San Luis, California.

**Felton Water Company.**

Incorporated April 8, 1889, under the laws of California.

W. G. Stevenson, President;

Geo. H. Clement, Vice President and General Manager;

Geo. N. Ley, Secretary and Treasurer.

Business address, Felton, California.

**Foothill Ditch Company.**

Incorporated April 25, 1914, under the laws of California. Acquired property of Rosa S. Spaulding and T. M. Dungan.

R. C. Merryman, President;

John A. Van Cleve, Jr., Vice President;

Jos. A. Andrew, Secretary;

Louise F. Van Cleve, Treasurer.

Business address, Exeter, California.

**Forest Grove Water Company.**

Incorporated March 5, 1917, under the laws of California. Acquired the Los Angeles and Arizona Land Company.

W. L. Twining, President;

H. B. Woodill, Vice President;

W. M. Pargellis, Secretary;

Chas. R. Phillips, General Superintendent.

Business address, 611 Los Angeles Trust and Savings Bank Building, Los Angeles.

**Fortuna Water Company.**

Incorporated December 7, 1903, under the laws of California.

F. A. Leach, President;

F. A. McKee, Vice President;

Geo. R. Lane, Secretary;

Bank of Fortuna, Treasurer.

Business address, Fortuna, California.

**Francis Land and Water Company.**

Incorporated October 29, 1906, under the laws of California.

Clara F. Brice, President;

Raymond A. Grinsell, Secretary;

D. A. Francis, General Manager.

Business address, Ferndale, California.

**Frederick Water Company.**

Incorporated April 2, 1906, under the laws of California.

C. J. Frederick, President and General Manager ;  
Alma F. Lowe, Secretary.

Business address, 2418 Lincoln boulevard, Venice, California.

**Fresno Canal and Land Corporation.**

Incorporated January 6, 1917, under the laws of California. Original corporation name was, Fresno Canal and Irrigation Company. Kings River and Fresno Canal Company controlled through stock ownership.

L. A. Nares, President ;  
W. A. Sutherland, Vice President ;  
R. M. Bostwick, Secretary ;  
I. Tilman, General Manager.

Business address, Fresno, California.

**Fresno City Water Corporation.**

Incorporated September 1, 1919, under the laws of California. Formed by reorganization of Fresno Water Company and Fresno City Water Company.

A. C. Balch, President ;  
A. G. Wishon, Vice President and General Manager ;  
L. M. Farnham, Secretary ;  
A. E. Peat, Treasurer ;  
O. B. Jackson, Superintendent.

Business address, 1801 Tulare street, Fresno, California.

**Garden Grove City Water Company.**

Incorporated August 6, 1914, under the laws of California.

J. A. Knapp, President and General Manager ;  
H. A. Lake, Vice President ;  
F. H. Cloyes, Secretary ;  
Bank of Garden Grove, Treasurer.

Business address, Garden Grove, California.

**The Gates Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager ;  
F. G. Munzer, Secretary ;  
Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Glendale Consolidated Water Company.**

Title Guarantee and Trust Company as trustee for the Glendale Consolidated Water Company's bondholders. Date of organization of Title Guarantee and Trust Company, October, 1895. Plant of Glendale Consolidated Water Company bought at trustee's sale and taken over as at November, 1912. Following are the principal officers of the Title Guarantee and Trust Company :

L. C. Brand, President ;  
E. W. Sargent, Vice President ;  
D. McPeak, Second Vice President ;  
A. F. Morlan, Secretary and Treasurer ;  
Albert Lewis, General Superintendent.

Business address, care Title Guarantee and Trust Company, Los Angeles.

**The Goose Lake Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager ;  
F. G. Munzer, Secretary ;  
Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Haines Canyon Water Company.**

Incorporated December 2, 1918, under the laws of California. Western Empire Suburban Farms Association Water Department was acquired December 2, 1918.

M. R. Crutchfield, President and General Manager;  
C. C. Buck, Vice President and General Superintendent;  
M. H. Osgood, Secretary.

Business address, Tujunga, California.

**Hanford Water Company.**

Incorporated October 4, 1906, under the laws of California.

A. E. Horlock, President;  
P. McRae, Vice President;  
F. N. Isaac, Secretary and General Manager.

Business address, Hanford, California.

**Hawthorne Electric and Water Company.**

Incorporated July 9, 1909, under the laws of California.

U. M. Thomas, President and General Manager;  
Clara M. Thomas, Secretary.

Business address, Hawthorne, California.

**Hayward Water Company.**

Incorporated December 3, 1913, under the laws of California. Formed by reorganization of San Lorenzo Water Company. Sold to City of Hayward, May 1, 1920.

Wm. Pierce Johnson, President;  
F. G. Wight, Vice President;  
Frank J. Hurley, Secretary and Treasurer;  
E. S. Warren, General Superintendent.

Business address, 728 Montgomery street, San Francisco.

**Hemet Town Water Company.**

Incorporated January 7, 1901, under the laws of California.

W. B. Weir, President and General Manager;  
W. R. Whittier, Vice President;  
C. Knight, Secretary and Treasurer;  
Mark Morse, General Superintendent.

Business address, Hemet, California.

**Hercules Water Company.**

Incorporated September 20, 1902, under the laws of California.

H. D. Pillsbury, President;  
E. D. Armstrong, Vice President and Superintendent;  
A. J. Willson, Secretary and Treasurer.

Business address, Hercules, California.

**Hermosa Beach Water Corporation.**

Incorporated September 22, 1914, under the laws of California. Formed by reorganization of Hermosa Beach Water Company.

F. D. Cornell, President;  
J. L. Cornell, Secretary.

Business address, 820 Story Building, Los Angeles.

**Hesperia Water Company.**

Incorporated April 8, 1915, under the laws of California. Operated under lease from Appleton Land, Water and Power Company.

John S. Thayer, President;  
C. W. Stevenson, Secretary.

Business address, 605 Washington Building, Los Angeles.



**Highland Domestic Water Company.**

Incorporated September 16, 1898, under the laws of California.

W. F. Grow, President;

Lillian M. Waite, Vice President;

J. F. Browning, Secretary and General Manager;

J. M. Spaulding, Treasurer.

Business address, Highland, California.

**Hillsborough Water Company.**

Incorporated September 22, 1906, under the laws of California. Formed by reorganization of Cherry Canon Water Company.

John A. Hoey, President;

Geo. H. Howard, Vice President and Secretary.

Business address, 58 Sutter street, Holbrook Building, San Francisco.

**The Hollister Water Company.**

Incorporated June 6, 1885, under the laws of California. Formed by reorganization of Hollister Water Company.

Wm. Palmtag, President;

N. C. Briggs, Jr., Vice President and Secretary;

A. M. Holsworth, General Superintendent;

A. Sutter, Auditor.

Business address, Nevada Bank Building, San Francisco.

**Home Tract Water Company.**

Incorporated June 9, 1910, under the laws of California.

R. C. Umphress, President;

F. M. Reafsnyder, Vice President;

F. A. Bieckman, Secretary and Treasurer;

H. Allsop, General Superintendent.

Business address, Garden Grove, California.

**Hornbrook Water Company.**

Incorporated March 30, 1904, under the laws of California.

D. M. Horn, President;

D. C. Earhart, Secretary and Treasurer.

Business address, Hornbrook, California.

**Huntington Beach Water Company.**

Incorporated August 29, 1914, under the laws of California.

Henry Levinson, President;

Alex Mills, Vice President;

Jas. S. Lawshe, Secretary and Treasurer.

Business address, 600 Kerckhoff Building, Los Angeles.

**Imperial Utilities Corporation.**

Incorporated May, 1917, under the laws of California. Acquired Interurban Water Company, January 2, 1918.

L. M. Chapman, President;

H. N. Siegfried, Secretary, General Manager and Receiver.

Business address, 931 Central Building, Los Angeles.

**Independence Water Company.**

Incorporated April 11, 1887, under the laws of California.

J. C. Baxter, President;

Wm. F. Matlack, Secretary and General Manager;

Mrs. J. C. Baxter, Treasurer.

Business address, Independence, California.

**Inglewood Water Company.**

Incorporated February 15, 1904, under the laws of California. Acquired property of Hyde Park Water Company and Centinela Land Company.

D. E. Martin, President;  
Chas. Lloyd, Vice President;  
Harry Lee Martin, Secretary and Treasurer;  
J. W. Lane, General Superintendent.

Business address, 114 East Queen street, Inglewood, California.

**Investment Water Company.**

Incorporated November 27, 1918, under the laws of California. Acquired property of Sentinel Heights Water Company.

H. W. Jackman, President;  
R. F. Ingold, Vice President and Auditor;  
F. R. Williams, Secretary;  
W. H. Harrison, General Manager.

Business address, 221 Chapman Building, Los Angeles.

**The James Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager;  
F. G. Munzer, Secretary;  
Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**The James & Dixon Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager;  
R. F. Haimes, Vice President;  
F. G. Munzer, Secretary;  
Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**The Joyce Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager;  
F. G. Munzer, Secretary;  
Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Kennett Water Company.**

Incorporated March 18, 1912, under the laws of California. Acquired property of Charles Butters, March 18, 1912.

Charles Butters, President;  
D. Bell, Secretary;  
Chas. Slack, Vice President;  
J. O. Little, General Manager and Superintendent.

Business address, Kennett, California.

**Kerman Water Company.**

Incorporated February 24, 1915, under the laws of California.

Wm. G. Kerckhoff, President;  
Jacob Mansar, First Vice President;  
L. M. Farnham, Second Vice President;  
E. E. Sweeney, Secretary;  
H. Kressman, Treasurer;  
Max E. Socha, General Manager.

Business address, 811 Garland Building, Los Angeles.

**Kern Island Irrigating Canal Co.**

Incorporated October 6, 1870, under the laws of California. Sold to Kern Island Canal Company, October 7, 1920.

H. A. Jastro, President and General Manager;  
A. D. Osborne, Vice President;  
F. G. Munzer, Secretary;  
Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Kern Island Canal Company.**

Incorporated September 23, 1920, under the laws of California. Acquired property of Kern Island Irrigating Canal Company, October 7, 1920.

W. A. Eardley, President;  
John McCray, Vice President;  
M. G. Stratford, Secretary.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Kern River Canal & Irrigating Co.**

Incorporated February 15, 1892, under the laws of California.

H. A. Jastro, President and General Manager;  
F. G. Munzer, Secretary;  
Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Kings County Canal Company.**

Incorporated March 30, 1905, under the laws of California.

H. L. Heffner, President;  
Jas. S. Lawshe, Vice President;  
H. S. Hurlbut, Secretary;  
H. Levinson, Treasurer.

Business address, 600 Kerckhoff Building, Los Angeles.  
President and Secretary's address, Corcoran, California.

**Kings River & Fresno Canal Company.**

Incorporated February 22, 1871, under the laws of California.

L. A. Nares, President;  
R. M. Bostwick, Secretary;  
Fresno Canal and Land Corporation, Treasurer;  
I. Teilman, General Manager.

Business address, Fresno, California.

**Laguna Blanca Water Company.**

Incorporated November, 1887, under the laws of California.

G. M. Heckscher, President;  
C. F. Taylor, Secretary and Treasurer;  
J. Edwards, General Superintendent, Santa Barbara.

Business address, 50 East Forty-second street, New York City.

**Lake Hemet Water Company.**

Incorporated February 11, 1887, under the laws of California.

W. B. Weir, President;  
W. R. Whittier, Vice President;  
C. Knight, Secretary and Treasurer;  
M. Morse, General Superintendent.

Business address, Hemet, California.

**Lawndale Land & Water Company.**

Incorporated July, 1912, under the laws of California. Formed by reorganization of Lawndale Water Company.

Chas. B. Hopper, President;  
James E. McDonald, Secretary and Treasurer.

Business address, 611 South Hill street, Los Angeles.

**The Lerdo Canal Company.**

Incorporated April 28, 1892, under the laws of California.

H. A. Jastro, President and General Manager;

R. F. Haimes, Vice President;

F. G. Munzer, Secretary;

Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Lone Oak Canal Company.**

Incorporated December 7, 1910, under the laws of California.

H. Clawson, President, Lemoore, California;

H. Kressmann, Secretary and Treasurer, 801 Garland Building, Los Angeles;

L. Y. Dollenmeyer, General Manager and Superintendent.

Business address, Hanford, California—General Manager.

**Los Altos Water Company.**

Incorporated December 6, 1907, under the laws of California.

Geo. N. Herbert, President;

Fred S. Shoup, Vice President;

W. M. Denhart, Secretary;

A. S. Robinson, Treasurer.

Business address, Los Altos, California.

**Los Angeles County Water Works Company.**

Incorporated February, 1909, under the laws of California. Formed by re-organization of Strawberry Park Water Company, March 6, 1909.

W. Medland, President and General Manager;

J. A. Talbot, Vice President;

S. E. Dawson, Secretary and Treasurer.

Business address, Gardena, California.

**Lucerne Water Company.**

Incorporated August 21, 1916, under the laws of California.

Chas. F. Gorman, President;

Victor Bovo, Secretary.

Business address, Secretary, Granada, California.

President's address, First National Bank Building, San Francisco.

**Madera Canal and Irrigation Company.**

Incorporated December 8, 1888, under the laws of California.

W. H. Davis, President;

Roy S. Hoagland, Vice President;

W. A. Jenkins, Secretary and Treasurer;

Edwin A. Ingham, General Manager, Ross, California.

Business address, Pacific Mutual Building, Los Angeles.

**Madera Electric Water Company.**

Incorporated September 24, 1908, under the laws of California.

A. G. Wishon, President and General Manager;

W. E. Durfey, Secretary.

Business address, 1801 Tulare street, Fresno, California.

**Manteca Water Works.**

Incorporated August 6, 1917, under the laws of California. Formed by re-organization of A. Baccilieri.

Oto Von Detten, President;

M. J. Henry, Vice President;

A. Baccilieri, Secretary and General Manager;

E. Powers, Treasurer;

N. O. Lowe, General Superintendent.

Business address, Manteca, California.

**Macloy Rancho Water Company.**

Incorporated in 1896, under the laws of California.

M. K. Rindge, President ;

F. B. Scotton, Secretary.

Business address, 1120 Trust and Savings Building, Los Angeles.

**The Marysville Water Company.**

Incorporated May 18, 1909, under the laws of California. Formed by reorganization of Marysville Water Company.

Richard Belcher, President ;

C. F. Aaron, Vice President ;

H. P. Hayes, Secretary and Treasurer.

Business address, Marysville, California.

**Mentone Water Company.**

Incorporated July 26, 1917, under the laws of California.

W. M. McIntosh, President ;

W. P. McIntosh, Vice President ;

G. W. McIntosh, Secretary and General Manager.

Business address, Mentone, California.

**Mokelumne River Power and Water Company.**

Incorporated November 27, 1907, under the laws of California. Acquired Mokelumne and Campo Seco Canal and Mining Company and controls through stock ownership, Happy Valley Blue Gravel and Hydraulic Mining Company.

Isaac S. Foorman, President and General Manager ;

S. S. Foorman, Vice President ;

S. S. Hausmann, Secretary ;

W. N. Prindle, General Superintendent, Mokelumne Hill, California.

Business address, 10 San Mateo avenue, San Mateo, California.

**Montebello Land and Water Company.**

Incorporated January 12, 1900, under the laws of California.

Fred H. Howard, President ;

Roy F. Wilcox, Secretary ;

Union Bank and Trust Company, Treasurer ;

J. A. Fields, General Superintendent, Montebello, California.

Business address, 240 South Broadway, Los Angeles.

**Montecito Valley Water Company.**

Incorporated May, 1886, under the laws of California.

G. H. Gould, President ;

Edgar S. George, Secretary and General Superintendent.

Business address, Santa Barbara, California.

**Monterey County Water Company.**

Incorporated September 26, 1901, under the laws of California.

John D. Spreckels, President ;

A. B. Spreckels, Vice President and Treasurer ;

W. H. Hannam, Secretary ;

F. E. Sullivan, General Manager.

Business address, 2 Pine street, San Francisco.

**The Monterey County Water Works.**

Incorporated August 17, 1907, under the laws of California.

S. F. B. Morse, President ;

H. Fleishhacker, Vice President ;

J. Beaumont, Secretary ;

S. F. B. Morse, Treasurer and General Manager ;

C. S. Olmsted, General Superintendent, Pacific Grove, California.

Business address, 401 Crocker Building, San Francisco.

**Moore Park Water, Light and Power Company.**

Incorporated August 10, 1912, under the laws of California.

J. M. Robison, President and General Manager ;

J. M. Stuart, Vice President ;

Ethel Robison, Secretary and Treasurer.

Business address, Moore Park, California.

**Mountain Light and Water Company.**

Incorporated July 6, 1914, under the laws of California. Sold to Santa Cruz County Utilities, May 1, 1920. Acquired property of Ben Lomond Water Company and Brookdale Land Company.

Jessie F. Hughes, President ;

Marion J. Russell, Vice President ;

J. C. Hughes, Secretary and Treasurer, General Manager.

Business address, 440 Lakeshore boulevard, Oakland, California.

**Mountain Power Company.**

Incorporated March 1, 1912, under the laws of California.

James H. Owen, President, General Manager and Treasurer ;

M. Curtis, Secretary ;

J. A. de Armond, General Superintendent, Crescent City, California.

Business address, Brookings, Oregon.

**Mountain Water Company.**

Incorporated July 6, 1896, under the laws of California.

Geo. B. Post, President ;

Walter L. Watkyns, Vice President ;

F. H. Post, Secretary, Treasurer, and General Manager.

Business address, P. O. Box 194, Pasadena, California.

**Murphy Water, Ice and Light Company.**

Incorporated February 4, 1904, under the laws of California.

Dan Murphy, President ;

Frank Monaghan, Vice President ;

T. J. Murphy, Secretary and Treasurer ;

A. Lundin, General Superintendent.

Business address, Needles, California.

**Napa City Water Company.**

Incorporated May 10, 1883, under the laws of California.

H. M. Meacham, President ;

Henry Brown, Vice President ;

W. G. Thompson, Secretary ;

John W. Parker, General Superintendent.

Business address, Napa, California.

**Natomas Water Company.**

Incorporated March 18, 1912, under the laws of California. Formed by re-organization of the Natomas Consolidated of California.

Louis Sloss, President ;

John D. McKee, Vice President ;

P. C. Knapp, Secretary and Treasurer ;

Emery Oliver, General Manager ;

H. E. Groff, General Superintendent, Folsom, California.

Business address, Alaska Commercial Building, San Francisco.

**Newman Water Works Company.**

Incorporated September 27, 1909, under the laws of California.

L. Dobrzensky, President ;

A. Dobrzensky, Vice President ;

Ben Levy, Secretary.

Business address, Newman, California.

**Northern Oil Company.**

Incorporated September, 1908, under the laws of California.

Chas. A. Son, President ;

M. Fleishhacker, Vice President ;

A. N. Baldwin, Secretary ;

John Patterson, General Superintendent, Maricopa, California.

Business address, 9 Main street, San Francisco.

**Northern Water and Power Company.**

Incorporated September 25, 1905, under the laws of California.

H. S. Boone, President ;

G. W. Lewis, Vice President ;

C. H. Hill, Secretary ;

W. H. Warnecke, General Superintendent, Nevada City, California.

Business address, 424 California street, San Francisco.

**North Fork Ditch Company.**

Incorporated July 8, 1899, under the laws of California. "California Corporation" and American Canyon Water Company were acquired April 1, 1914, and June 15, 1914, respectively.

Charles A. King, President ;

Wyman G. Smith, Vice President ;

W. P. Laufenberg, Secretary ;

C. W. Clarke Company, Treasurer ;

Geo. S. Nickerson, General Manager, Forum Building, Sacramento.

Business address, 318-324 Kearny street, San Francisco.

**North Moneta Garden Lands Water Company.**

Incorporated February 9, 1904, under the laws of California.

A. H. Kornblum, President and General Manager ;

John H. Rohm, Secretary.

Business address, 814 East Washington street, Los Angeles.

**North Sacramento Light and Water Company.**

Incorporated August 7, 1911, under the laws of California.

D. W. Johnston, President ;

C. E. Johnston, Vice President and General Superintendent ;

E. Hendricksen, Secretary.

Business address, 1019 Eighth street, Sacramento, California.

**Oak Park Water Company.**

Incorporated December 4, 1903, under the laws of California.

Geo. J. Bryte, President ;

Eli Fourness, Vice President ;

W. M. O'Neill, Secretary ;

E. S. Warner, Treasurer ;

Joseph Shaw, General Manager.

Business address, 3502 Fourth avenue, Sacramento, California.

**Ocean View Land and Water Company.**

Incorporated March 1, 1909, under the laws of California.

Milton Stewart, President ;

W. B. Stewart, Vice President ;

W. K. Beattie, Secretary, Treasurer and General Manager.

Business address, Upland, California.

**Orange Home Water Company.**

Incorporated August 3, 1910, under the laws of California.

Archie Smith, President ;

W. M. Northrup, Secretary and Treasurer.

Business address, Alhambra, California.

**Palm Valley Water Company.**

Incorporated February 1, 1887, under the laws of California.

Prescott T. Stevens, President ;

C. L. Flack, Vice President ;

G. G. Dexter, Secretary and Treasurer.

Business address, 6808 Hollywood boulevard, Los Angeles.

**Pasadena Consolidated Water Company.**

Incorporated January 12, 1912, under the laws of California. Acquired Craig-Lambert Water Company, March 1, 1912. Precipice Canon Water Company controlled through stock ownership.

J. B. Coulston, President ;

Walter I. Allen, Vice President and General Manager ;

L. E. Collins, Secretary ;

F. F. Fleming, General Superintendent.

Business address, 11 South Marengo avenue, Pasadena, California.

**Patterson City Water Company.**

Incorporated October 9, 1919, under the laws of California.

John D. Patterson, President ;

W. W. Patterson, Vice President and Secretary.

Business address, Patterson, California.

**Peninsula Water Company.**

Incorporated May 25, 1910, under the laws of California. Formed by reorganization of San Mateo Water Company.

John H. Coleman, President ;

Wm. F. Turnbull, Vice President and General Manager ;

Wm. Munro, Secretary ;

National Bank of San Mateo, Treasurer.

Business address, 313 Third avenue, San Mateo, California.

**Peoples Water Company of Palms.**

Incorporated December 11, 1908, under the laws of California.

L. J. Christopher, President ;

Frank X. Pfaffinger, Vice President ;

R. M. Moore, Secretary and General Manager ;

J. M. Kerr, General Superintendent, Palms, California.

Business address, 215 West Sixth street, Los Angeles.

**Petaluma Power and Water Company.**

Incorporated January 12, 1900, under the laws of California. Formed by reorganization of Sonoma County Water Company. Acquired Wm. Hill Company, July 28, 1906.

A. B. Hill, President ;

Thos. Maclay, Vice President ;

F. D. Ellsworth, Secretary and General Manager.

Business address, 144 Main street, Petaluma, California.

**The Pioneer Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager ;

F. G. Munzer, Secretary ;

Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.



**Placerville Water Works.**

Incorporated July 20, 1893, under the laws of California. Formed by reorganization of Placerville Water Company. Sold to city of Placerville, November 15, 1920.

Alex R. Balm, President;

Gustav Dresel, Vice President;

J. F. W. Peat, Secretary;

Union Trust Company of San Francisco, Treasurer;

Geo. W. Kimble, General Superintendent, Placerville, California.

Business address of Secretary, 464 California street, San Francisco,

**The Plunkett Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager;

F. G. Munzer, Secretary;

Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Plymouth Water Company.**

Incorporated November 17, 1881, under the laws of California.

M. C. Randolph, President;

Lawrence Burke, Vice President;

Thos. D. Davis, Secretary.

Business address, Plymouth, California.

**Port Costa Water Company.**

Incorporated November 29, 1898, under the laws of California.

G. W. McNear, President;

J. A. McNear, Vice President;

J. P. Rothwell, Secretary;

E. H. Shibley, General Superintendent.

Business address, 1001 Insurance Exchange Building, San Francisco.

**Portola Water Company.**

Incorporated March 29, 1918, under the laws of California.

E. I. Lane, President;

J. H. Golden, Vice President;

E. V. Darby, Secretary and Treasurer.

Business address, Quincy, California.

**Puente City Water Company.**

Incorporated January 9, 1910, under the laws of California.

Geo. E. Cross, President;

Louis Didier, Vice President;

E. Ramband, Secretary and Treasurer.

Business address, Puente, California.

**Randsburg Water Company.**

Incorporated September 26, 1899, under the laws of California and formed by consolidation of Squaw Shrimp Water Company and Johannesburg Mining, Milling and Water Supply Company.

Dr. Rose L. Burcham, President and General Manager;

J. W. McLeon, Vice President;

C. S. Knight, Secretary, Treasurer and General Superintendent.

Business address, Randsburg, California.

**Redondo Water Company.**

Incorporated July 3, 1908, under the laws of California. Acquired Redondo Improvement Company.

W. E. Dunn, President;  
Howard Huntington, First Vice President;  
Frank Griffith, Second Vice President and General Manager;  
A. G. Walker, Secretary, Treasurer and Auditor;  
O. N. Tomlinson, General Superintendent, Redondo Beach, California.  
Business address, 728 Pacific Electric Building, Los Angeles.

**Redwood City Water Company.**

Incorporated July 1, 1903, under the laws of California.

A. D. Walsh, President;  
H. W. Schaberg, Vice President, Secretary and General Manager;  
First National Bank of San Mateo, Treasurer.  
Business address, 90 Broadway, Redwood City, California.

**Rialto Domestic Water Company.**

Incorporated October 1, 1910, under the laws of California.

A. B. Miller, President;  
J. D. McGregor, Secretary;  
W. D. Spalding, Auditor.  
Business address, Fontana, California.

**Riverbank Water Company.**

Incorporated October 17, 1911, under the laws of California.

R. W. Hobart, President and General Manager;  
J. W. Walker, Vice President;  
R. W. Gray, Secretary.  
Business address, Riverbank, California.

**Roseville Water Company.**

Incorporated March 4, 1912, under the laws of California.

F. M. Ray, President;  
A. H. Martin, Vice President;  
H. G. Luhisen, Secretary;  
W. G. Hemphill, General Manager, Roseville, California.  
Business address of President and Secretary, 512 Folsom street, San Francisco.

**San Benito County Land and Water Company.**

Incorporated October 11, 1908, under the laws of California.

P. F. Brown, President and General Manager;  
Geo. E. Sykes, Vice President;  
H. J. Macomber, Secretary.  
Business address, Hollister, California.

**San Dimas-Charter Oak Domestic Water Company.**

Incorporated January 20, 1913, under the laws of California. Acquired San Dimas Irrigation Company, March 1, 1913.

W. A. Johnstone, President;  
O. S. Tillman, Vice President;  
Wm. Bowring, Secretary;  
H. S. Gilman, General Manager.  
Business address, San Dimas, California.

**San Gabriel Valley Water Company.**

Incorporated August 30, 1907, under the laws of California. Acquired Huntington Land and Improvement Company and Alhambra Addition Water Company, February, 1908.

Howard Huntington, President;  
W. E. Dunn, First Vice President;  
F. Griffith, Second Vice President and General Manager;  
A. G. Walker, Secretary and Treasurer.

Business address, 728 Pacific Electric Building, Los Angeles.

**San Geronimo Valley Water Company.**

Incorporated December 23, 1914, under the laws of California. Acquired water system of Lagunitas Development Company.

Paul B. McKee, President;  
Donald McKee, Vice President and Treasurer;  
Byron H. Hurd, Secretary.

Business address, 507 Montgomery street, San Francisco.

**The San Joaquin and Kings River Canal and Irrigation Company, Inc.**

Incorporated June 12, 1905, under the laws of California. Acquired the San Joaquin and Kings River Canal and Irrigation Company.

J. Leroy Nickel, President and General Manager;  
Louis F. Monteagle, Vice President;  
W. H. Trump, Secretary;  
Miller & Lux, Inc., Treasurer;  
J. F. Clyne, General Superintendent, Los Banos, California.

Business address, 1314 Merchants Exchange Building, San Francisco.

**San Gorgonio Water Company.**

Incorporated August 14, 1907, under the laws of California.

Kenneth R. Smoot, President and Treasurer;  
Clarendon B. Eyer, Vice President.

Business address, Beaumont, California.

**San Jose Water Works.**

Incorporated February 21, 1916, under the laws of California. Formed by reorganization of San Jose Water Company.

Joseph R. Ryland, President;  
Paul S. Williams, Vice President;  
H. S. Kittredge, Secretary and Treasurer;  
O. S. Relph, General Superintendent.

Business address, San Jose, California.

**Santa Clara Valley Water Company.**

Incorporated August 25, 1892, under the laws of California.

Wm. Finnemore, President and General Manager;  
E. R. Kennedy, Secretary;  
Campbell Branch, Garden City Bank and Trust Company, Treasurer.

Business address, Campbell, California.

**Santa Clara Water and Irrigating Company.**

Incorporated January 5, 1871, under the laws of California. Acquired Farmers Canal and Water Company.

John L. Butler, President and General Manager;  
Neill Baker, Secretary.

President's address, R.F.D. 2, Oxnard, California.  
Secretary's address, Ventura, California.

**Santa Paula Water Works.**

Incorporated November 9, 1891, under the laws of California.

C. C. Teague, President and General Manager;

A. C. Hardison, Vice President;

C. P. Foster, Secretary and Treasurer;

P. A. Giacomazzi, General Superintendent.

Business address, Santa Paula, California.

**Santa Rosa Water Works.**

Incorporated February 27, 1873, under the laws of California.

M. L. McDonald, Jr., President;

Selah Chamberlain, Vice President and Treasurer;

Arthur S. Luce, Secretary.

Business address, Santa Rosa, California.

**Saticoy Water Company.**

Incorporated May 28, 1897, under the laws of California.

J. M. Sharp, President;

J. M. Dickenson, Vice President;

R. E. Kuhn, Secretary and Treasurer;

H. C. Sharp, General Manager.

Business address, Saticoy, California.

**Sawtelle Water Company.**

Incorporated January 7, 1904, under the laws of California.

R. C. Gillis, President;

C. L. Bundy, Vice President;

F. E. Lee, Secretary;

H. Greenleaf, General Superintendent, Sawtelle, California.

Business address, 1023 C. C. Chapman Building, Los Angeles.

**South Feather Land and Water Company.**

Incorporated December 3, 1908, under the laws of California. Acquired South Feather Water and Union Milling Company.

L. E. Bentz, President;

L. G. Siller, Vice President;

S. F. McAnear, Secretary;

J. S. Gattmann, Treasurer;

T. F. Hornung, General Manager.

Business address, 929 Forum Building, Sacramento, California.

**South Los Angeles Land and Water Company.**

Incorporated July 23, 1914, under the laws of California. Formed by reorganization of South Los Angeles Water Company.

M. S. Robertson, President;

W. A. Robertson, Secretary and General Manager;

E. C. Honke, General Superintendent.

Business address, 202 North Pacific boulevard, Huntington Park, California.

**South San Francisco Water Company.**

Incorporated October 25, 1907, under the laws of California. Acquired Water Works Department of South San Francisco Land and Improvement Company.

F. L. Washburn, President;

W. J. Martin, Vice President;

Geo. H. Chapman, Secretary and Treasurer;

Chas. Young, General Superintendent.

Business address, 262 Grand avenue, South San Francisco, California.

**Spring Valley Water Company.**

Incorporated April 24, 1903, under the laws of California. Formed by reorganization of Spring Valley Water Works. Controls through stock ownership, Suburban Company and Washington and Murray Township Water Company.

W. B. Bourn, President;  
Capt. A. H. Payson, Vice President;  
S. P. Eastman, Vice President and General Manager;  
John E. Behan, Secretary;  
Benjamin Bangs, Treasurer;  
F. P. Muhlner, Auditor.

Business address, 375 Sutter street, San Francisco.

**The Stine Canal Company.**

Incorporated October 17, 1878, under the laws of California.

H. A. Jastro, President and General Manager;  
F. G. Munzer, Secretary;  
Kern County Canal and Water Company, Treasurer.

Business address, 1704 Nineteenth street, Bakersfield, California.

**Stockton and Mokelumne Canal Company.**

Incorporated March 14, 1899, under the laws of California.

Dr. J. P. Sargent, President;  
Mrs. Emma Boyce, First Vice President;  
John A. Swain, Second Vice President;  
Otto Spenker, Secretary and Treasurer;  
Chas. A. Kelley, General Manager;  
Miss Olla Lenfesty, Assistant Secretary.

Business address, 311 East Main street, Stockton, California.

**St. Helena Water Company.**

Incorporated July 19, 1877, under the laws of California.

F. S. Ewer, President and General Manager;  
J. H. Steves, Vice President;  
L. L. Nicolini, Secretary and General Superintendent;  
Bank of St. Helena, Treasurer.

Business address, box 198, St. Helena, California.

**Summit Lake Irrigation Company.**

Incorporated February 25, 1907, under the laws of California. Turner Ditch Company is controlled through stock ownership.

L. A. Nares, President;  
A. C. Balch, Vice President;  
R. M. Bostwick, Secretary.

Business address, Fresno, California.

**Sutter Butte Canal Company.**

Incorporated January 6, 1911, under the laws of California. The following companies were acquired: Butte County Canal Company, 1911; Sacramento Valley Farms Company, 1911; Richvale Land Company, 1915; Gridley Land and Irrigation Company, 1918.

Gordon Hall, President;  
F. A. Wickett, Vice President;  
G. Kafka, Secretary;  
C. M. Gilleece, Treasurer and Auditor;  
Chas. T. Tulloch, General Manager;  
M. C. Polk, General Superintendent.

Business address, Gridley, California.

**Sweetwater Water Corporation.**

Incorporated January 12, 1920, under the laws of Maine.

J. E. Boal, President and General Manager;  
David Blankenhorn, Vice President;  
R. E. Hunter, Second Vice President;  
J. E. Lannan, Secretary;  
F. J. Belcher, Jr., Treasurer;  
C. C. Van Deripe, General Superintendent.

Business address of General Manager, National City, California.

**Sycamore Canon Water Company.**

Incorporated February 23, 1887, under the laws of California.

Olin Wellborn, Jr., President;  
G. W. Sanford, Vice President and Zanjero;  
J. W. Howard, Secretary and Treasurer;  
G. W. Sanford, Zanjero, Glendale, California.

Business address, 918 Security Building, Los Angeles.

**Torrance Water, Light and Power Company.**

Incorporated October 17, 1912, under the laws of California.

J. S. Torrance, President;  
Geo. W. Post, Vice President and General Manager;  
Torrance C. Welch, Secretary and Treasurer;  
Geo. W. Neill, Assistant General Manager.

Business address, 1210 Washington Building, Los Angeles.

**Ukiah Water and Improvement Company.**

Incorporated July 18, 1892, under the laws of California. Acquired Ukiah Water Company, 1896.

Edward I. Barry, President;  
I. H. Brush, Vice President;  
H. P. Hilliard, Secretary and Treasurer;  
M. N. Donohue, General Manager, Ukiah, California.

Business address, Santa Rosa, California.

**Union Water Company.**

Incorporated September 25, 1883, under the laws of California.

Len Yocum, President and General Superintendent;  
N. H. Falk, Vice President;  
Mrs. H. A. Yocum, Secretary;  
Bank of Arcata, Treasurer;  
Wm. Yocum, General Superintendent.

Business address, 1058 H street, Arcata, California.

**The Union Water Company of California.**

Incorporated December 21, 1910, under the laws of California.

William S. Tevis, President;  
C. E. Gilman, First Vice President and Chief Engineer;  
J. M. Ough, Second Vice President and General Manager;  
M. O'Connell, Secretary and Treasurer;  
P. J. Haggerty, General Superintendent;  
K. McSweeney, Auditor.

Business address, 9620 East Fourteenth street, Oakland, California.

**Venice of America Water Company.**

Incorporated November 5, 1914, under the laws of California. Formed by reorganization of Venice Water Company.

Thornton Kinney, President and Treasurer;  
Innes Kinney, Vice President;  
Sherwood Kinney, Secretary.

Business address, 29 Windward avenue, Venice, California.

**Vacaville Water and Power Company.**

Incorporated February 6, 1919, under the laws of California.

T. L. Yates, President;

W. Z. McBride, Secretary and General Manager.

Business address, Vacaville, California.

**Victorville Domestic Water Company.**

Incorporated March 19, 1914, under the laws of California. Operating under lease, Appleton Land, Water and Power Company.

John S. Thayer, President;

C. W. Stevenson, Secretary.

Business address, 605 Washington Building, Los Angeles.

**Visalia City Water Company.**

Incorporated March 26, 1894, under the laws of California.

J. Sub Johnson, President and General Manager;

M. W. Bigelow, Secretary;

C. J. Giddings, Treasurer;

A. A. Wingfield, General Superintendent.

Business address, Visalia, California.

**Washington Water and Light Company.**

Incorporated February 1, 1897, under the laws of California.

Alex Fourness, President;

R. C. Waring, Vice President and Auditor;

Joseph Shaw, Secretary;

W. H. Harrison, Jr., Treasurer.

Business address, Broderick, California.

**Watsonville Water and Light Company.**

Incorporated December 7, 1896, under the laws of California.

C. A. Belden, President;

W. H. Linforth, Vice President;

Geo. W. Hunt, Secretary and Treasurer;

H. C. Wyckoff, General Superintendent, Watsonville, California.

Business address, 723 Chronicle Building, San Francisco.

**Western Water Company.**

Incorporated March 27, 1911, under the laws of California.

W. A. Howell, President;

F. M. Worthington, First Vice President;

T. M. Young, Second Vice President and General Manager;

W. F. Whitaker, Secretary.

Business address, box 289, Taft, California.

**West Riverside Canal Company.**

Incorporated June 21, 1916, under the laws of California. Acquired Rogers Development Company.

E. L. Williamson, President and General Manager;

R. C. Gill, Secretary and Treasurer.

Business address, box 163, Riverside, California.

**West San Joaquin Valley Water Company.**

Incorporated July 9, 1912, under the laws of California. Acquired property of Miller and Lux, Incorporated, May 6, 1913.

J. Leroy Nickel, President and General Manager;

W. H. Trump, Secretary;

Miller and Lux, Inc., Treasurer;

J. F. Clyne, General Superintendent, Los Banos, California.

Business address, 1114 Merchants Exchange Building, San Francisco.

**Whittier Water Company.**

Incorporated April 16, 1907, under the laws of California.

Geo. Chaffey, President and General Manager;  
A. M. Chaffey, Vice President, Secretary and Treasurer;  
J. B. Chaffey, General Manager.

Business address, Whittier, California.

**Williams Water and Electric Company.**

Incorporated April 15, 1909, under the laws of California.

C. K. Sweet, President;  
Oscar Robinson, Vice President;  
Mrs. D. E. Welch, Secretary.

Business address, Williams, California.

**Willits Water and Power Company.**

Incorporated May 18, 1902, under the laws of California.

Paul S. Foster, President;  
A. M. Newhall, Vice President;  
C. A. Newhall, Secretary;  
A. W. Foster, Treasurer;  
Wm. Barr, Manager.

Business address, 226 Southern Pacific Building, San Francisco.

**Willowbrook Water Company, Incorporated.**

Incorporated February 13, 1912, under the laws of California. Formed by reorganization of Willowbrook Water Company. Acquired Townsend Vanderwater Company, May 15, 1913.

C. D. Wildrick, President;  
J. Madill, Vice President;  
J. W. Fetter, Second Vice President;  
J. M. Koerner, Secretary and Treasurer.

Business address, Willowbrook, California.

**Wilmington Water Company.**

Incorporated November 29, 1913, under the laws of California.

Edwin W. Sandison, President;  
Mrs. E. W. Sandison, Vice President;  
Irene I. Whaley, Secretary;  
Fred S. Messmore, Treasurer.

Business address, 350 Canal avenue, Wilmington, California.

**Yolo Water and Power Company.**

Incorporated December 11, 1911, under the laws of California.

A. C. Huston, President;  
L. A. Williamson, Secretary and Treasurer;  
L. J. Shuman, General Manager.

Business address, Woodland, California.



**B—Officers of Companies or Owners of Public Utilities Whose 1920 Annual Reports Are Not Summarized in This Report.**

**M. E. Alderman.**

Thermal, California.

**The Arrowhead Reservoir and Power Company.**

Victor C. Smith, Vice President and General Manager,  
San Bernardino, California.

**Beach Land Water System.**

A. I. Smith, Agent,  
627 Consolidated Realty Building, Los Angeles.

**Bean Estate, Jacob, Deceased.**

W. H. Bean and Eugene E. Bean, Executors,  
Alhambra, California.

**Belvedere Land Company.**

Geo. T. Ruddock, President;  
E. R. Hough, Secretary;  
E. R. Benson, General Superintendent,  
730 Mills Building, San Francisco.

**Blackburn, R. A.**

Coachella, California.

**Bond & Jones Water Company.**

R. W. Jones, Manager,  
Orange, California.

**Hugh A. Boyle.**

Mill Valley, California.

**Boyes Springs Park Company.**

James Baines, Owner,  
Boyes Springs, California.

**Herbert F. Brown.**

Care T. C. Brown,  
2234 MacDonald avenue, Richmond, California

**J. B. Burdell.**

Point Reyes Water System,  
Novato, California.

**The California Company.**

R. G. Kann, Manager,  
Capitola, California.

**California Michigan Land and Water Company.**

Charles R. Sligh, President;  
Richard C. Goodspeed, Secretary and General Manager;  
410 Central Building, Los Angeles.

**Ceres Water Works.**

J. M. Vincent, Proprietor,  
Ceres, California.

**Clyde Company.**

D. C. Seagrave, President;  
W. H. Seagrave, Secretary;  
E. D. Mackins, General Manager,  
Bay Point, California.

**The Coram Water Company.**

S. A. Holman, President;  
F. B. Cullom, Secretary,  
Coram, California.

**Cosumnes Irrigation Company.**

R. A. Berry, President;  
T. L. Gates, Vice President;  
R. T. McKisick, Secretary,  
Secretary's address, 33 State Capitol, Sacramento, California.

**Crocker-Huffman Land and Water Company.**

Wm. H. Crocker, President;  
Chas. T. Crocker, Vice President;  
S. F. B. Morse, Manager,  
Crocker, Building, San Francisco.

**Cucamonga Water Company.**

John H. Klusman, President and General Manager;  
W. C. Belden, Secretary;  
Edwin Notsinger, General Superintendent,  
Cucamonga, California.

**Danville Water Company.**

A. J. Abbott, President;  
R. T. Booth, Secretary,  
Danville, California.

**The Doherty Company.**

E. L. Doherty, President,  
Bakersfield, California.

**Dutch Flat Water Works.**

A. W. Nichols, Owner,  
1430 Hawthorne terrace, Berkeley, California.

**East Oakland Water and Light Company.**

A Sorensen, Manager,  
1932 Irving avenue, Oakland.

**East Side Water Company.**

S. F. Finley, Owner,  
Santa Ana, California.

**A. R. Ferguson Water System.**

A. R. Ferguson, Owner,  
Seeley, California.

**Forest Hill Water Company.**

Bart Finning, Manager,  
Forest Hill, California.

**H. Goosen (Fairfield Water Works).**

Fairfield, California.

**J. A. Graves.**

Care The Farmers and Merchants National Bank, Los Angeles.

**Greenville Water Works.**

A. R. Bidwell, Manager,  
Greenville, California.

**Gridley Land and Irrigation Company.**

C. H. Gilstrap, President and General Manager,  
Dinuba, California.

**Half Moon Bay Water Company.**

Horace Nelson, Owner,  
Half Moon Bay, California.

**Heck Bros.**

Fellows, California.

**Holson Heights Water Works.**

Albert B. Holson, Owner,  
1306 West Eighty-fifth street, Los Angeles.

**Howard Park Company.**

H. G. Watkins, President and General Manager;  
C. W. Harper, Secretary,  
402 Pacific Electric Building, Los Angeles.

**Inverness Water Works.**

Mrs. J. S. Hamilton, Owner,  
Point Reyes Station, California.

**Ione Water Company.**

C. R. Downs, Owner,  
Sutter Creek, California.

**Jackson Water Works.**

Mrs. Emily V. Blair, Owner;  
Grace B. DePue, Manager,  
Jackson, California.

**Jersey Flat Water Works.**

Andrew Johnson, Owner,  
Downieville, California.

**Kingston & Keck Water System.**

Margaret Kingston, President,  
Colfax, California.

**Kohler & Schwartz.**

H. O. Kohler and A. Schwartz, Owners,  
Washington, California.

**Lacassie, Mary E.**

Walnut Creek, California.

**Laguna Heights Water System.**

Catherine A. Brooks, Owner;  
Joe Skidmore, Manager,  
Laguna Beach, California.

**Laurel Canyon Land Company.**

Chas. S. Mann, President,  
407 South Hill street, Los Angeles.

**Lerdo Land Company.**

A. C. Balch, President;  
A. G. Wishon, Vice President and General Manager;  
L. M. Farnham, Secretary,  
811 Garland Building, Los Angeles.

**Lone Pine Water Company.**

G. F. Marsh, President;  
F. P. Meysan, Secretary and General Manager,  
Lone Pine, California.

**Lookout Mountain Park Land and Water Company.**

F. M. Rublee, President,  
1124 Black Building, Los Angeles.

**Lorenzo Water Company.**

Isaiah Hartman, Owner,  
Boulder Creek, California.

**Los Verjels Land and Water Company.**

V. T. McGillicuddy, President and General Manager,  
311 California street, San Francisco.

**Lytle Creek Water Company.**

A. B. Miller, President;  
W. D. Spalding, Secretary,  
Fontana, California.

**Manchester Heights Water Plant.**

Emily D. Wadley, Owner;  
W. G. Wadley, Manager,  
1354 West Eighty-ninth street, Los Angeles.

**J. L. Marshall (Indio Water Service).**

J. L. Marshall, Owner,  
Indio, California.

**McEwen Bros.**

K. M. McEwen, President;  
E. A. McEwen, Secretary,  
475 Pine street, San Francisco.

**McGlashan Water Company.**

C. F. McGlashan, President and General Manager;  
L. G. McGlashan, Secretary,  
Truckee, California.

**Melvin Place Water Plant.**

J. S. Harker, Owner,  
200 West Fifty-ninth street, Los Angeles.

**Meyer-Costa Company.**

Henry H. Meyer, Owner;  
M. A. Costa, Owner;  
John Costa, Owner,  
Downieville, California.

**J. W. Minges Water Plant.**

J. W. Minges, Owner,  
Boyes Springs, California.

**Montara Water Company.**

Arthur R. Wagner, President,  
Montara, California.

**Wm. Morgan Water Company.**

Wm. Morgan, Owner,  
Fortuna, California.

**Moss Beach Realty Company.**

Charles B. Smith, President,  
Moss Beach, California.

**Mount Jackson Water and Power Company.**

T. C. Mellersh, President,  
807 Foxcroft Building, San Francisco, California.

**Narbonne Ranch Water Co., No. 2.**

Geo. W. Towne, President;  
James W. Fryer, Secretary,  
Lomita, California.

**Newhall Water System.**

A. B. Perkins, Owner,  
Newhall, California.

**Nielsen-Jensen and Hansen (Solvang Water Works).**

H. P. Jensen;  
Marcus Neilsen;  
H. C. Hansen,  
Solvang, California.

**New Manzanita Gold Mining Company.**

W. F. DuBois, General Manager,  
920 Forum Building, Sacramento, California.

**North Glendale Distributing Company.**

W. W. Lee, Owner,  
110 Brand boulevard, Glendale, California.

**Ocean Park Heights Land and Water Company.**

Mrs. A. D. Segno, Owner,  
701 North Belmont avenue, Los Angeles.

**Ogle, E. G.**

McCann, California.

**Palermo Land and Water Company.**

R. A. Clark, President ;  
A. J. Rohner, Secretary ;  
Edward H. Clark, General Manager,  
410 Hearst Building, San Francisco.

**Placentia Domestic Water Works.**

A. S. Bradford, Trustee,  
Placentia, California.

**Pullman Water Company.**

Fred Meyers, Owner,  
Richmond, California.

**The Richmond Company, Inc.**

T. C. Brown, President,  
2234 MacDonald avenue, Richmond, California.

**Riverside Water Works.**

A. Putnam and J. A. Shaw, Owners,  
Ferndale, California.

**Russian River Water Company.**

T. C. Mellersh, Vice President and General Manager,  
Foxcroft Building, 68 Post street, San Francisco.

**Russian River Heights Water Company.**

T. C. Mellersh, General Manager,  
Foxcroft Building, 68 Post street, San Francisco.

**San Mateo Park Water System.**

V. O. Davis, Lessee,  
149 Third avenue, San Mateo, California.

**Sausalito Land and Ferry Company.**

H. E. Bothin, President ;  
B. W. Leigh, Secretary,  
Sausalito, California.

**Sherman Water Company.**

P. T. Durfy, Owner ;  
L. J. Durfy, Manager,  
Sherman, California.

**A. T. Smith Water Company.**

Mrs. E. H. Edwards and A. T. Smith, Owners;  
A. T. Smith, Manager,  
Keeler, California.

**Sierra Valley Water Company.**

Incorporated July 17, 1913, under the laws of California.

A. S. Nichols, President, Sierraville, California;  
Fred Blinkman, Secretary, Sierraville, California;  
Frank R. Wehe, Attorney, 729 The Call Building, San Francisco.

**C. Edgar Smith Water Company.**

C. Edgar Smith, Owner;  
M. F. Miller, Manager,  
1300 West One Hundred and Third street, Los Angeles.

**Sonoma City Water Works.**

Mrs. L. V. Emparan, Owner,  
Sonoma, California.

**Sonoma Highlands Water Company.**

Kate Waterman, Owner,  
San Anselmo, California.

**Sonoma Vista Water Company.**

A. E. Joscelyn, Owner,  
Boyes Springs, California.

**Spring Estate Company.**

Care Geo. Friend Company,  
Solano and Colusa avenues, Berkeley, California.

**The Stockton Land Association.**

David Salfeld, President and General Manager,  
Stockton, California.

**Sunnyside Water System.**

Goold and Johns, Owners,  
436 East Maple street, Stockton. California.

**Susanville Water Works.**

Cady & Cady, Proprietors;  
Frank P. Cady, General Manager,  
Susanville, California.

**Sutter & Amador Water Works.**

C. R. Downs, Owner,  
Sutter Creek, California.

**Turner, Lewis A. and Prudence.**

Box 850, R.F.D. 2, Los Angeles.

**Mrs. W. H. Turner (Caliente Park Water System).**

Mrs. W. H. Turner, Owner,  
Fetters Springs, California.

**Vallejo Water Company.**

J. H. Dieckmann, Jr., Secretary,  
464 Chetwood street, Oakland, California.

**Van Nuys Water System.**

James B. Van Nuys, General Manager,  
1011 I. N. Van Nuys Building, Los Angeles.

**Edmund Varney Water System.**

Edmund Varney, Owner,  
Lankershim, California.

**West Side Water Company.**

J. I. Waggy, Owner,  
Maricopa, California.

**Weaverville Town Water Works.**

W. W. Young, Owner,  
Weaverville, California.

**Yolo County Consolidated Water Co.**

A. C. Huston, President ;  
L. A. Williamson, Secretary,  
Woodland, California.



TABLE NO. 1.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	The Anderson Canal Company	Anderson Water Company	Antelope Creek and Red Bluff Water Company	Artesian Water Company	Associated Water Company	August Oil Company	Bakersfield Water Works¹	Bay Point Utilities Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913 .....	\$7,834 83	\$11,682 24	\$134,834 55	\$535,402 47	\$24,502 62	\$158,253 85	\$163,984 30	\$21,375 00
Fixed capital installed since December 31, 1912 .....		768 74	9,671 42	40,601 00		7,118 69		28,198 64
Total fixed capital .....	\$7,834 83	\$12,450 98	\$144,505 97	\$576,003 47	\$24,502 62	\$165,372 54	\$163,984 30	\$49,573 64
Cash and deposits .....			434 36	2,934 47	4,643 51	5,022 33	810 70	
Notes receivable .....				11,000 00		9,030 22		
Accounts receivable .....	602 55			4,316 43	912 88	10,359 27	2,396 48	666 49
Other current assets .....				1,365 85	221 65			
Investments .....			1,816 59		16,000 00			
Treasury securities .....						243,408 00		
Working assets .....				70 00			2,070 23	
Prepaid expenses .....	38,115 17				144 07			
Unamortized discount on securities and expenses .....			27,193 86			579,729 49	11,916 69	
Miscellaneous .....	4,050 00			1,000 00	5 83			
Corporate deficit .....		63 70		190,013 70	686 02	103,975 57	5,030 50	
Totals .....	\$50,602 55	\$12,514 68	\$173,950 78	\$786,703 92	\$47,116 58	\$1,116,897 42	\$186,208 90	\$50,240 13
<i>Liabilities.</i>								
Capital stock .....	\$50,000 00	\$10,000 00	\$150,000 00	\$647,500 00	\$25,000 00	\$1,000,000 00	\$60,500 00	\$15,000 00
Funded debt .....				71,500 00			90,000 00	
Assessment .....								
Notes payable .....		300 00	16,000 00	23,500 00				
Accounts payable .....		564 68		275 00	3,682 00	3,715 02	15,863 34	24,459 09
Interest and taxes accrued .....				595 84			2,282 31	50 88
Reserves .....		1,650 00		43,333 08	18,434 58	113,182 40	17,563 25	9,172 10
Income invested since December 31, 1912, in fixed capital .....								
Appreciation of fixed capital .....								
Miscellaneous .....	602 55		7,950 78					400 35
Corporate surplus .....								1,157 71
Totals .....	\$50,602 55	\$12,514 68	\$173,950 78	\$786,703 92	\$47,116 58	\$1,116,897 42	\$186,208 90	\$50,240 13

¹From May 15, 1920. Purchased Bakersfield Water Co.

TABLE NO. 1—Continued.

## ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Beaumont Land and Water Company	Bear Gulch Water Company	Bell Water Company	Balwin Water Company	Bonita Water Company	Beverly Hills Utilities Company	Buena Vista Canal Company	The Campbell Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$379,043 89	\$705,593 20	\$21,844 79	.....	\$493,691 20	.....	\$32,567 26	\$10,967 32
Fixed capital installed since December 31, 1912.....	10,510 59	71,319 11	11,771 75	\$165,839 71	45,932 22	\$191,794 82	.....	19,359 21
Total fixed capital.....	\$390,454 48	\$836,914 31	\$33,616 54	\$165,839 71	\$539,623 42	\$191,794 82	\$32,567 26	\$30,326 53
Cash and deposits.....	78 14	702 74	103 83	4,875 02	.....	209 48	.....	485 73
Notes receivable.....	.....	416 08	.....	.....	.....	.....	.....	1,000 00
Accounts receivable.....	1,518 50	1,992 53	606 55	2,809 41	9,742 76	997 41	1,568 72	495 29
Other current assets.....	.....	2,000 00	.....	5,000 00	.....	.....	.....	16 35
Investments.....	.....	.....	.....	.....	.....	.....	.....	.....
Treasury securities.....	.....	.....	.....	.....	.....	.....	.....	.....
Working assets.....	2,176 86	8,991 12	1,186 18	774 96	4,496 06	.....	.....	.....
Prepaid expenses.....	.....	84 01	.....	.....	1,684 72	.....	.....	.....
Unamortized discount on securities and expenses.....	.....	.....	.....	.....	43,400 00	.....	223,259 02	.....
Miscellaneous.....	391 69	.....	.....	6,559 74	.....	.....	4,173 00	.....
Corporate deficit.....	46,206 48	.....	.....	.....	.....	12,618 18	.....	.....
Totals.....	\$540,824 74	\$851,690 74	\$35,513 10	\$184,858 87	\$699,009 86	\$205,619 89	\$361,568 72	\$32,343 80
<i>Liabilities.</i>								
Capital stock.....	.....	.....	.....	.....	.....	.....	.....	.....
Funded debt.....	.....	.....	.....	.....	.....	.....	.....	.....
Amortment.....	.....	.....	.....	.....	.....	.....	.....	.....
Notes payable.....	5,100 00	20,000 00	2,000 00	.....	.....	.....	.....	2,250 00
Accounts payable.....	14,420 75	2,226 29	1,125 49	1,796 94	9,773 10	27,690 82	.....	5,501 92
Interest and taxes accrued.....	667 42	5,167 78	153 27	.....	.....	492 56	.....	.....
Reserves.....	34,712 89	35,702 54	7,486 82	61,867 20	81,798 07	22,225 36	.....	4,076 74
31, 1912, in fixed capital.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	365,416 03	.....	13,444 56	.....	.....	145,321 16	.....	.....
.....	506 16	7 50	.....	.....	.....	.....	.....	2,519 74
.....	.....	83,886 53	688 86	21,104 04	4,038 69	.....	1,568 72	4,995 48
Totals.....	\$540,824 74	\$851,690 74	\$35,513 10	\$184,858 87	\$699,009 86	\$205,619 89	\$361,568 72	\$32,343 80

TABLE NO. 1--Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Centerville Water Company	The Central Canal Company	Chico Water Supply Company	Citizens Land and Water Company of Upland	Citizens Water Company of Niles	Citizens Water Company of San Jacinto	City Water Company of Banning	City Water Company of Ocean Park
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....		\$511,349 61	\$173,619 96	\$27,618 95	\$7,752 07	\$477,657 23		\$199,578 14
Fixed capital installed since December 31, 1912.....	25,897 12	4,001 10	44,456 58	31,838 23	25,870 82	100,932 89	\$14,113 32	73,606 02
Total fixed capital.....	\$25,897 12	\$515,350 71	\$218,076 54	\$59,457 18	\$33,622 89	\$578,590 12	\$14,113 32	\$273,183 16
Cash and deposits.....	125 46		694 06	305 10	668 02	3,843 97	11 28	702 81
Notes receivable.....				143 00				
Accounts receivable.....	357 00	4,442 97	130 00	2,099 73	341 57	6,117 00	582 95	297 29
Other current assets.....						22 21		
Investments.....				15,835 00			11,580 00	15,000 00
Treasury securities.....		1,000 00	1,083 80		23,490 00	100,000 00		15,000 00
Working assets.....			1,138 95	942 35	144 53	3,914 08	224 65	2,316 35
Prepaid expenses.....						37 70	26 11	111 62
Unamortized discount on securities and expenses.....		2,488,650 39		15,000 00	8,255 00			101,000 00
Miscellaneous.....								
Corporate deficit.....	6,316 13	77,306 29				159,326 97		
Totals.....	\$32,695 71	\$3,086,750 36	\$221,123 35	\$93,782 36	\$66,522 01	\$851,852 05	\$26,538 31	\$407,611 23
<i>Liabilities.</i>								
Capital stock.....								\$200,000 00
Funded debt.....	\$12,500 00	\$3,000,000 00	\$100,000 00	\$20,000 00	\$50,000 00	\$400,000 00	\$15,629 83	30,000 00
Assessment.....			49,000 00	15,000 00		300,000 00		
Notes payable.....	14,558 11		6,500 00	22,500 00	4,250 00		2,000 00	7,000 00
Accounts payable.....	3,381 42	86,750 36	3,743 29	1,288 40	419 57	70,914 07	321 34	2,961 22
Interest and taxes accrued.....						66,219 77	59 21	575 98
Reserves.....	2,256 18		55 44	8,789 76	3,823 12	14,718 21	3,124 07	42,906 73
Income invested since December 31, 1912, in fixed capital.....								89,750 28
Appreciation of fixed capital.....				5,131 42				
Miscellaneous.....				198 00				32,034 06
Corporate surplus.....			61,824 62	20,864 78	8,029 32		5,403 86	2,383 96
Totals.....	\$32,695 71	\$3,086,750 36	\$221,123 35	\$93,782 36	\$66,522 01	\$851,852 05	\$26,538 31	\$407,611 23

TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Claremont Domestic Water Company	Coalinga Consolidated Water Company	Compton Water and Lighting Company	Coneland Water Company	Conservative Water Company	Consolidated Canal Company	Consolidated Water Company of Pomona	Corona City Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$87,023 35	\$296,456 85	\$5,793 12	\$192,923 30	\$109,435 10	\$654,331 95	\$519,937 63	\$36,445 35
Fixed capital installed since December 31, 1912.....	40,876 51	13,872 26	12,692 80	24,839 45	40,413 86	22,447 14	64,646 20	19,583 81
Total fixed capital.....	\$127,899 86	\$310,329 11	\$18,485 92	\$217,762 75	\$149,848 96	\$676,779 09	\$584,583 83	\$56,029 16
Cash and deposits.....	1,215 04	245 71	59 44		125 06	13,978 86		747 24
Notes receivable.....							26,965 00	
Accounts receivable.....						8,533 19	25,835 75	1,185 15
Other current assets.....	893 15	10,847 32			2,872 90			
Investments.....		56,774 94			2,100 00		5,950 00	62,500 00
Treasury securities.....						58,743 75	1,881 00	768 84
Working assets.....	916 02	87 23			3,216 45	2,738 61		16 59
Prepaid expenses.....		89 08						
Unamortized discount on securities and expenses.....						2,000,000 00	217,838 45	
Miscellaneous.....								
Corporate deficit.....		49,076 01	297 92	10,847 12	17,988 22			12,969 85
Totals.....	\$130,924 07	\$427,449 40	\$18,843 28	\$228,609 87	\$176,151 59	\$2,742,815 78	\$863,054 03	\$134,216 83
<i>Liabilities.</i>								
Capital stock.....	\$95,050 00	\$250,000 00	\$5,600 00	\$200,000 00	\$100,000 00	\$500,000 00	\$500,000 00	\$75,000 00
Funded debt.....		100,000 00				120,000 00	225,000 00	15,000 00
Assessment.....	15,050 00	11,574 92	1,000 00		16,444 00	13,500 00	18,000 00	5,000 00
Notes payable.....		12,744 04	210 00	14,144 92	20,712 28	3,776 31	8,849 70	20,016 83
Accounts payable.....		6,202 11				3,837 21	900 00	
Interest and taxes accrued.....	783 00	46,928 33	4,975 65		24,684 55	1,968,715 25	66,069 10	19,200 00
Reserves.....	8,933 47		7,057 63	14,464 95	14,310 76			
Income invested since December 31, 1912, in fixed capital.....								
Appreciation of fixed capital.....	3,326 75					10,112 50		
Miscellaneous.....	7,780 85					122,884 51	43,687 23	
Corporate surplus.....								
Totals.....	\$130,924 07	\$427,449 40	\$18,843 28	\$228,609 87	\$176,151 59	\$2,742,815 78	\$863,054 03	\$134,216 83

<sup>1</sup>Credit item.

<sup>2</sup>Water rights and franchises including capital stock of Centerville and Kingsburg Irrigating Ditch Co., Fowlers Switch Canal Co. and Emigrant Ditch Co.

<sup>3</sup>Stock valuations.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Coronado Water Company	Cottonwood Irrigation and Mining Company	The Cove Water Company	Crown Water Company	Crystal Springs Water Company	Cuyamaca Water Company	Devils Water Company	Delmar Water, Light and Power Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$410,359 14	\$6,400	\$3,193 87	\$374	\$24,359 00	\$846,348 61	\$129,076 87	\$129,076 87
Fixed capital installed since December 31, 1912.....	224,421 80	3,600		1,000	1,876 90	637,056 78	31,468 24	31,468 24
Total fixed capital.....	\$634,780 94	\$10,000 00	\$3,193 87	\$1,773 00	\$26,235 90	\$1,483,405 39	\$150,544 91	\$150,544 91
Cash and deposits.....	1,722 17	367 17		33 64	10 52	5,290 93	26 44	
Notes receivable.....						797 58		
Accounts receivable.....	4,370 14	713 20		43 27	200 00	9,065 83	401 12	
Other current assets.....								
Investments.....								
Treasury securities.....								
Working assets.....	3,047 08		4,197 00	6,120 00				
Prepaid expenses.....	854 95					2,532 36	963 38	456 90
Unamortized discount on securities and expenses.....		3,760 00				633 83		
Miscellaneous.....	68 26					325,260 45		
Corporate deficit.....	262,440 74	351 08	476 24	892 38	560 48	239,032 75		254,458 70
Totals.....	\$907,884 87	\$18,081 45	\$8,866 11	\$8,860 39	\$27,608 90	\$2,006,636 13	\$17,366 79	\$405,460 41
<i>Liabilities.</i>								
Capital stock.....	\$480,000 00	\$10,000 00	\$5,000 00	\$7,470 00	\$15,480 00	\$675,234 06	\$7,935 00	\$100,000 00
Funded debt.....	165,000 00	3,750 00		930 00		28,000 00		74,000 00
	160,195 67	1,231 45	4,085 53	73 00		934,949 40	4,108 20	185,044 41
			280 59	287 99				
31, 1912, in fixed capital.....	102,689 20			100 00	1,750 00	267,453 06	2,869 26	78,416 00
					1,131 90			
					9,245 00			
Corporate surplus.....							3,269 07	
Totals.....	\$907,884 87	\$18,081 45	\$8,866 11	\$8,860 39	\$27,608 90	\$2,006,636 13	\$17,366 79	\$405,460 41

<sup>1</sup>Represents capital invested.

TABLE NO. 1—Continued.

## ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Diamond Ridge Water Company	East Bay Water Company	East Gardens Water Company	East Sacramento Water Company	The East Side Canal Company	East Side Canal and Irrigation Company	The Electric Water Company	El Segundo Water Company
<i>Assets</i>								
Fixed capital installed prior to January 1, 1913	\$115,000 00		\$12,400 00	\$14,813 08	\$53,859 27	\$169,261 86	\$238,029 38	\$68,773 78
Fixed capital installed since December 31, 1912	6,169 27	\$19,022,300 44	5,760 58	2,491 61		15,656 64	80,633 21	
Total fixed capital	\$121,169 27	\$19,022,300 44	\$18,160 58	\$17,304 69	\$53,859 27	\$184,917 70	\$324,561 59	\$68,773 78
Cash and deposits	227 56	207,994 82	1,276 16			43 33		1,971 36
Notes receivable								
Accounts receivable		180,538 58		421 33	756 99	68 58	78,316 40	616 67
Other current assets	966 08	22,346 64						
Investments								
Treasury securities		1,646,570 00						
Working assets		155,300 08				58 13	5,931 55	763 41
Prepaid expenses		310,943 72				49 64	1,564 43	2 45
Unamortized discount on securities and expenses		2,348,476 54	16,328 27		436,340 73		59,047 62	
Miscellaneous	1,008 80	29,800 50					700 00	
Corporate deficit	26,962 62			1,406 58	56,394 11	100,544 49		6,194 90
<b>Totals</b>	<b>\$153,354 01</b>	<b>\$24,506,969 24</b>	<b>\$20,663 08</b>	<b>\$19,132 45</b>	<b>\$537,153 10</b>	<b>\$285,659 87</b>	<b>\$470,010 56</b>	<b>\$78,979 94</b>
<i>Liabilities</i>								
Capital stock	\$100,260 00	\$8,033,900 00	\$21,650 00	\$28,100 00	\$500,000 00	\$180,000 00	\$300,000 00	\$65,000 00
Funded debt		14,464,400 00						
Assessment	7,017 50		1,900 00					
Notes payable	6,756 36	478,719 63	4,000 00	7,899 10		47,131 37		2,000 00
Accounts payable	59,330 16	231,671 76		2,433 36	37,153 16	93,426 44	1,908 26	1,874 75
		31,265 76				36,061 72		80 00
		309,159 24	8,236 85			6,902 34	104,376 01	7,025 19
<b>or 31, 1912, in fixed capital</b>								
		359,824 45				78 00		
		567,908 53	1,576 16				3,732 21	
<b>Totals</b>	<b>\$153,354 01</b>	<b>\$24,506,969 24</b>	<b>\$20,663 00</b>	<b>\$19,132 45</b>	<b>\$537,153 10</b>	<b>\$285,659 87</b>	<b>\$470,010 56</b>	<b>\$78,979 94</b>

\*Credit item.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	El Modena Domestic Water Company	El Dorado Water Company	Escalon Water and Light Company	Etna Development Company	Euclid Avenue Water Company	Excelsior Water and Mining Company	Fairmount Water Company	Fairview Land and Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$1,465 00		\$7,140 01	\$22,251 00	\$23,950 40	\$501,124 18		\$30,905 18
Fixed capital installed since December 31, 1912.....	1,814 34	\$49,857 35	3,542 82		3,661 50	55,038 11	\$59,963 62	10,561 58
Total fixed capital.....	\$3,279 34	\$49,857 35	\$10,682 83	\$22,251 00	\$27,611 90	\$556,162 29	\$59,963 62	\$41,466 76
Cash and deposits.....	85 41	308 39	100 01	755 84	166 79	1,094 44	216 74	532 07
Notes receivable.....							9,000 00	23,371 12
Accounts receivable.....		1,610 54		406 90	224 90	12,091 11	2,497 68	13,049 87
Other current assets.....						8,398 53		984 67
Investments.....	1,050 00			1,650 00	200 00			42,266 80
Treasury securities.....	9,130 60	2,000 00	4,700 00					
Working assets.....		1,180 29	260 65	2,113 73		8,697 06	750 68	
Prepaid expenses.....	350 00	310 00					64 60	25 730
Unamortised discount on securities and expenses.....		527 00						
Miscellaneous.....	417 09					42,119 51		
Corporate deficit.....						27,522 66		
Totals.....	\$14,311 84	\$55,793 57	\$15,743 49	\$27,177 47	\$28,203 59	\$656,065 60	\$72,493 32	\$121,697 02
<i>Liabilities.</i>								
Capital stock.....	\$10,000 00	\$8,500 00	\$10,000 00	\$22,251 00	\$15,910 00	\$366,000 00	\$50,000 00	\$60,000 00
Funded debt.....		38,000 00			4,000 00			
Assessment.....			2,240 00					
Notes payable.....	100 00	3,000 00	2,750 00	1,600 00	2,500 00	39,438 72	700 00	9,000 00
Accounts payable.....		1,065 72	340 59		45	46,464 30	1,480 61	871 41
Interest and taxes accrued.....						2,265 11		24 00
Reserves.....	600 00	2,155 46	237 09	1,276 00		73,721 18	13,807 47	8,042 63
Income invested since December 31, 1912, in fixed capital.....								
Appreciation of fixed capital.....	3,611 84					128,196 29		
Miscellaneous.....								
Corporate surplus.....		3,072 39	175 81	2,050 47	5,793 14		6,505 24	43,758 98
Totals.....	\$14,311 84	\$55,793 57	\$15,743 49	\$27,177 47	\$28,203 59	\$656,065 60	\$72,493 32	\$121,697 02

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1930.

	Fall River Mills Water Company	The Farmers Canal Company	Farmers Irrigation Company	Pay Water Company	Felton Water Company	Fort Hill Ditch Company	Forest Grove Water Company	Fortuna Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913	\$920 00	\$14,400 00	\$194,920 34	\$70,741 18	\$2,525 00	\$67,914 64	\$20,281 77	\$12,052 28
Fixed capital installed since December 31, 1912	746 48							3,093 07
Total fixed capital	\$1,666 48	\$14,400 00	\$194,920 34	\$70,741 18	\$2,525 00	\$67,914 64	\$20,281 77	\$15,035 35
Cash and deposits			5,084 20	926 73	650 68	1,300 45	23 51	215 39
Notes receivable				1,876 72				
Accounts receivable		21 85	13,114 89	151 14		2,479 00	127 38	1,306 74
Other current assets								
Investments				2,145 00				
Treasury securities								
Working assets								
Prepaid expenses			288 92					
Unamortized discount on securities and expenses								
Miscellaneous								
Corporate deficit	283 90	25,084 25					6,607 07	
<b>Totals</b>	<b>\$1,950 38</b>	<b>\$40,106 30</b>	<b>\$213,356 35</b>	<b>\$86,539 77</b>	<b>\$3,175 68</b>	<b>\$71,653 18</b>	<b>\$26,829 73</b>	<b>\$17,549 48</b>
<i>Liabilities.</i>								
Capital stock	\$942 50	\$14,400 00	\$182,300 00	\$72,000 00	\$2,525 00	\$10,000 00	\$22,000 00	\$9,945 00
Funded debt								
Assessment								
Notes payable	507 88	26,786 30	712 49	600 00		7,000 00	1,741 85	427 85
	500 00		844 43			17,055 52		
			5,852 17			198 37		
				4,604 90		500 00	6,267 88	3,790 23
or 31, 1912, in fixed capital						21,000 00		
			16,334 26	295 50				
			17,403 00	7,839 37	650 68	5,504 23		3,388 41
<b>Totals</b>	<b>\$1,950 38</b>	<b>\$40,106 30</b>	<b>\$213,356 35</b>	<b>\$86,539 77</b>	<b>\$3,175 68</b>	<b>\$71,653 18</b>	<b>\$26,829 73</b>	<b>\$17,549 48</b>

<sup>1</sup>Paid in surplus. Deductions.



TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Francis Land and Water Company	Frederick Water Company	Fresno Canal and Land Corporation	Fresno City Water Corporation	Garden Grove City Water Company	The Gates Canal Company	Glendale Consolidated Water Company	The Goose Lake Canal Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1912.....	\$50,456 07	\$6,527 76	\$4,799,909 23	\$713,756 94		\$2,414 97	\$131,822 71	\$5,000 00
Fixed capital installed since December 31, 1912.....	5,328 76	766 39	51,193 07	205,181 48	\$10,308 78		36,557 03	
Total fixed capital.....	\$55,983 43	\$7,304 14	\$4,851,102 40	\$919,938 42	\$10,308 78	\$2,414 97	\$168,379 74	\$5,000 00
Cash and deposits.....	1,008 94	55 95	2,808 72	4,243 66	30 40		17,670 97	
Notes receivable.....	310 00		245 23	500 00				
Accounts receivable.....	53 35	12 95	58,184 14	8,673 09				
Other current assets.....								
Investments.....	1,500 00			8,600 00				
Treasury securities.....				5,315 00				
Working assets.....	302 34		428 75	109,179 83				
Prepaid expenses.....			370 88	5,314 08				
Unamortized discount on securities and expenses.....		18,821 21		10,407 71		42,835 03		200,050 00
Miscellaneous.....			15,207 39	108,247 44	46 60	4,750 00		4,950 00
Corporate deficit.....					511 77	1,250 88		1,846 95
Totals.....	\$59,249 06	\$26,195 25	\$4,928,497 51	\$1,268,219 23	\$10,397 78	\$61,250 85	\$186,050 71	\$391,846 95
<i>Liabilities.</i>								
Capital stock.....								
Funded debt.....	\$50,000 00	\$25,000 00	\$1,000,000 00	\$350,000 00	\$4,306 00	\$50,000 00	\$123,000 00	\$300,000 00
Assessment.....			558,500 00	248,000 00				
Notes payable.....	3,000 00	105 30	43,500 00	26,840 44	3,821 75			1,846 95
Accounts payable.....			7,704 30	103,467 37		1,350 88		
			11,635 42	1,879 08				
	4,000 00	766 39		208,612 65	2,781 80		48,820 00	
31, 1912, in fixed capital.....			3,242,796 16					
			179 70					
	2,240 06	233 50	64,178 94	4,240 97			14,220 71	
Totals.....	\$59,249 06	\$26,195 25	\$4,928,497 51	\$1,268,219 23	\$10,397 78	\$61,250 85	\$186,050 71	\$391,846 95

<sup>1</sup>Capital surplus.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Haines Canyon Water Company	Hanford Water Company	Hawthorne Electric and Water Company	Hemet Town Water Company	Hercules Water Company	Hermosa Beach Water Corporation	Hesperia Water Company	Highland Domestic Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....		\$129,161 53	\$36,649 94	\$20,328 96	\$140,394 27	\$94,847 98		\$45,093 18
Fixed capital installed since December 31, 1912.....	\$138,932 30	58,256 58	20,938 50	8,974 78	38,723 00	42,008 83	\$443 99	1,927 78
Total fixed capital.....	\$138,932 30	\$187,418 11	\$57,588 44	\$29,303 74	\$179,117 27	\$136,856 81	\$443 99	\$47,020 96
Cash and deposits.....	495 41	1644 58	516 36	9,083 12	16,318 11	1,124 58		379 85
Notes receivable.....				18,940 51	29,000 00			
Accounts receivable.....				618 81	1,024 15	13,324 49	258 21	2,281 17
Other current assets.....	1,107 92	1,210 89	531 15					
Investments.....								
Treasury securities.....				1,121 04	10,000 00	400 00		1,000 00
Working assets.....	431 31	2,935 40	50 00		2,147 75	2,556 55	10,000 00	1,706 23
Prepaid expenses.....	190 93		35 70		325 00			
Unamortised discount on securities and expenses.....		58,250 00				1,055 45		
Miscellaneous.....								
Corporate deficit.....	16,726 11		6,366 86					
Totals.....	\$157,883 98	\$249,169 82	\$65,088 51	\$59,067 22	\$237,932 28	\$155,317 88	\$10,702 20	\$52,388 21
<i>Liabilities.</i>								
Capital stock.....	\$100,000 00	\$191,000 00	\$13,805 00	\$25,000 00	\$165,000 00	\$45,006 00	\$10,500 00	\$45,990 00
Funded debt.....	30,000 00					66,000 00		
Assessment.....								
Notes payable.....		17,500 00	32,570 33			4,035 00		
Accounts payable.....	20,811 01	2,866 02	135 44	1,124 63		11,662 45	202 20	36 50
Interest and taxes accrued.....	1,706 25		2,264 00	4 00		1,650 00		
Reserves.....	5,366 72	37,673 63	16,313 74	1,606 53	44,943 46	17,697 92		3,742 44
Income invested since December 31, 1912, in fixed capital.....								1,927 78
Appreciation of fixed capital.....								
Miscellaneous.....						4,801 21		
Corporate surplus.....		130 17		31,332 06	27,988 82	4,465 30		691 49
Totals.....	\$157,883 98	\$249,169 82	\$65,088 51	\$59,067 22	\$237,932 28	\$155,317 88	\$10,702 20	\$52,388 21

<sup>1</sup>Credit item.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Hillborough Water Company	The Hollister Water Company	Home Tract Water Company	Hornbrook Water Company	Huntington Beach Water Company	Imperial Utilities Corporation	Independence Water Company	Investment Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$206,139 96	\$246,515 69	\$4,415 00	\$11,968 45	\$49,414 07	\$45,504 45	\$7,620 00	
Fixed capital installed since December 31, 1912.....	40,016 82	48,993 13	2,075 60	3,550 16	59,585 27	131,359 19	4,918 94	\$33,332 15
Total fixed capital.....	\$246,156 78	\$295,508 82	\$6,490 60	\$15,518 61	\$108,999 34	\$176,863 64	\$12,538 94	\$33,332 15
Cash and deposits.....	192 79	8,252 08	354 97	397 10	801 37	6,925 53	291 79	
Notes receivable.....								
Accounts receivable.....	402 20	1,921 00	179 46		679 85	9,527 75		482 46
Other current assets.....								
Investments.....		1,000 00	250 00			28,973 72		
Treasury securities.....			13,590 00		50,085 00			
Working assets.....	2,300 00	7,863 92	66 80		1,849 37	2,016 14		
Prepaid expenses.....		265 80				2,374 51		
Unamortized discount on securities and expenses.....	580 00	37,151 34	1,982 65					
Miscellaneous.....						394 15		
Corporate deficit.....								
Totals.....	\$249,631 77	\$351,962 96	\$22,914 48	\$15,915 71	\$163,147 17	\$227,075 49	\$12,830 73	\$33,814 61
<i>Liabilities.</i>								
Capital stock.....	\$200,000 00	\$100,000 00	\$20,000 00	\$12,000 00	\$150,000 00	\$50,000 00	\$7,620 00	\$30,000 00
Funded debt.....	23,000 00					93,500 00		
Assessment.....								
Notes payable.....	852 05					20,659 84	3,000 00	
Accounts payable.....	415 98	72 83	65 61		1,036 74	38,408 55		1,721 28
Interest and taxes accrued.....						1,931 86		
Reserves.....	8,680 08	70,378 43	250 00	2,478 73	12,110 43	20,030 53		1,394 05
Income invested since December 31, 1912, in fixed capital.....			2,065 16					
Appreciation of fixed capital.....								
Miscellaneous.....								
Corporate surplus.....	16,683 66	181,511 70	533 71	1,436 98		1,212 92	2,210 73	699 28
Totals.....	\$249,631 77	\$351,962 96	\$22,914 48	\$15,915 71	\$163,147 17	\$227,075 49	\$12,830 73	\$33,814 61

TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	The James Canal Company	The James and Dixon Canal Company	The Joyce Canal Company	Kennett Water Company	Kerman Water Company	Kern Island Irrigating Canal Company <sup>1</sup>	Kern River Canal and Irrigating Company	Kings County Canal Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$26,311 12	\$4,975 29	\$5,000 00	\$78,383 41	\$5,956 51	\$220,227 05	\$71,735 24	\$1 00
Fixed capital installed since December 31, 1912.....				10,104 12				
Total fixed capital.....	\$26,311 12	\$4,975 29	\$5,000 00	\$88,487 53	\$5,956 51	\$220,227 05	\$71,735 24	\$1 00
Cash and deposits.....				1,225 00	76 61			614 29
Notes receivable.....								
Accounts receivable.....	11,287 22		262 98	103 01	71 17	16,798 90	435 63	326 17
Other current assets.....								
Investments.....	2,000 00					1,000 00		
Treasury securities.....				18,100 00	5,000 00			
Working assets.....				32 49		11,300 00		303 47
Prepaid expenses.....				60 32				
Unamortized discount on securities and expenses.....	69,638 88	40,774 71	40,550 00				178,264 76	
Miscellaneous.....	4,060 00	4,250 00	4,450 00	585 48				300,085 52
Corporate deficit.....		907 75		4,037 27	5,297 23	12,155 61	11,109 06	4,444 55
Totals.....	\$113,287 22	\$50,907 75	\$50,262 98	\$112,631 10	\$16,401 52	\$261,481 56	\$261,544 69	\$305,775 00
<i>Liabilities.</i>								
Capital stock.....	\$100,000 00	\$50,000 00	\$50,000 00	\$100,000 00	\$10,000 00	\$150,000 00	\$250,000 00	\$300,000 00
Funded debt.....								5,700 00
Assessment.....								
Notes payable.....								
Accounts payable.....		907 75		1,129 10	6,401 52	111,481 56	11,544 69	75 00
Interest and taxes accrued.....								
Reserves.....				11,502 00				
Income invested since December 31, 1912, in fixed capital.....								
Appreciation of fixed capital.....								
Miscellaneous.....	13,287 22		262 98					
Corporate surplus.....								
Totals.....	\$113,287 22	\$50,907 75	\$50,262 98	\$112,631 10	\$16,401 52	\$261,481 56	\$261,544 69	\$305,775 00

<sup>1</sup>Sold to Kern Island Canal Co., October 7, 1920.

TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Kings River and Fresno Canal Company	Laguna Blanca Water Company	Lake Hemet Water Company	Lawndale Land and Water Company	The Lerdo Canal Company	Lone Oak Canal Company	Los Altos Water Company	Los Angeles County Water Works Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....		\$83,188 53	\$512,213 13	\$88,170 91	\$124,265 77	\$50,000 00	\$29,016 52	\$110,998 99
Fixed capital installed since December 31, 1912.....		3,291 40	149,667 21	15,173 79			9,957 61	6,939 27
Total fixed capital.....	\$95,733 78	\$86,479 93	\$661,880 34	\$103,344 70	\$124,265 77	\$50,000 00	\$38,974 13	\$117,938 26
Cash and deposits.....			6,087 66					546 37
Notes receivable.....			200 00					94 41
Accounts receivable.....	112 55	267 90	1,142 07	43 80	267 60		428 62	2,383 87
Other current assets.....								
Investments.....	12 00		1,700 71					
Treasury securities.....								
Working assets.....		18 25	5,914 09	462 54				185,500 00
Prepaid expenses.....		3,064 38	321 60					
Unamortized discount on securities and expenses.....			1,462,617 24	2,154 24	123,646 73		93,866 00	
Miscellaneous.....			120 00		2,067 50			
Corporate deficit.....	15,555 65	17,059 58		23,375 93	23,628 74	18,297 19	32,496 90	
Totals.....	\$111,413 98	\$106,910 04	\$2,139,983 71	\$129,381 21	\$273,896 34	\$68,297 19	\$165,765 65	\$306,462 91
<i>Liabilities.</i>								
Capital stock.....	\$100,000 00	\$100,000 00	\$2,000,000 00	\$75,000 00	\$250,000 00	\$50,000 00	\$100,000 00	\$250,000 00
Funded debt.....				15,000 00			30,000 00	40,000 00
Assessment.....								
Notes payable.....			36,841 58					
Accounts payable.....	11,413 98	6,910 04	9,044 33	19,680 13	23,896 34	18,297 19	3,760 70	2,338 90
Interest and taxes accrued.....			72 00	791 00			17,161 57	
Reserves.....			76,137 65	18,910 08			14,843 38	11,453 58
Income invested since December 31, 1912, in fixed capital.....								
Appreciation of fixed capital.....								
Miscellaneous.....			703 50					
Corporate surplus.....			17,184 65					2,065 43
Totals.....	\$111,413 98	\$106,910 04	\$2,139,983 71	\$129,381 21	\$273,896 34	\$68,297 19	\$165,765 65	\$306,462 91

TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Lucerne Water Company	Madera Canal and Irrigation Company	Madera Electric Water Company	Manteca Water Works	The Marysville Water Company	Mentone Water Company	Mokelumne River Power and Water Company	Montebello Land and Water Company
<i>Assets</i>								
Fixed capital installed prior to January 1, 1913		\$524,303 19	\$80,422 55	\$52,125 98	\$245,788 35	\$10,271 15	\$500,000 00	\$64,000 00
Fixed capital installed since December 31, 1912	\$76,187 74	10,063 40	20 35	216 33	82,759 60	4 30	29,476 45	8,308 36
Total fixed capital	\$76,187 74	\$534,366 59	\$80,442 90	\$52,125 98	\$328,548 04	\$10,271 15	\$529,476 45	\$72,308 36
Cash and deposits		2,775 88	1,332 15	216 33	5,820 10		187 54	7,030 35
Notes receivable								1,868 04
Accounts receivable		7,941 93	80 00	389 50		210 00	745 93	18,653 50
Other current assets								
Investments								
Treasury securities				85 00	11,000 00	4,000 00	20,469 08	
Working assets			20,000 00	3,700 00				
Prepaid expenses			92 22	1,105 40	9,821 08			522 15
Unamortized discount on securities and expenses	50,000 00		8 05					47,186 94
Miscellaneous			1,224 22			713 07	45,187 02	10,113 75
Corporate deficit	43,797 53	24,038 97						
Totals	\$189,985 27	\$559,143 37	\$83,179 54	\$57,672 21	\$355,189 22	\$15,198 70	\$597,065 93	\$154,883 09
<i>Liabilities</i>								
Capital stock	\$50,000 00	\$400,000 00	\$50,000 00	\$45,400 00	\$200,000 00	\$10,000 00	\$500,000 00	\$125,000 00
Funded debt		72,500 00			22,000 00			
Assessment		94,400 00						
Notes payable	7,980 16	430 87	24 88	1,200 00	4,000 00	4,000 00	20,719 05	13,500 00
	112,025 11	1,612 50	6 00	6,927 35	12,000 00	368 07	40,883 85	11,162 85
			3,148 96	3,604 58	23,914 09	530 63	8,557 62	202 58
31, 1912, in fixed capital							25,895 41	2,000 00
					21,000 00			
					72,275 13			3,017 58
Totals	\$189,985 27	\$559,143 37	\$83,179 54	\$57,672 21	\$355,189 22	\$15,198 70	\$597,065 93	\$154,883 09

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Montecito Valley Water Company	Monterey County Water Company	The Monterey County Water Works	Moore Park Farmers Water Company <sup>1</sup>	Moore Park Water, Light and Power Company	Mountain Light and Water Company <sup>1</sup>	Mountain Power Company	Mountain Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913	\$29,500 00	\$29,147 90	\$733,214 44		\$2,326 51		\$62,340 72	\$54,999 31
Fixed capital installed since December 31, 1912			146,862 04		4,941 06	\$48,445 82	9,491 91	
Total fixed capital	\$29,500 00	\$29,147 90	\$880,077 08		\$7,268 20	\$68,445 82	\$71,832 63	\$54,999 31
Cash and deposits	6,442 45		3,224 75		41 12	1,805 91	2,280 32	32 75
Notes receivable								
Accounts receivable								
Other current assets		9,705 70	27,781 00		122 80	958 55	29,117 15	289 74
Investments			169,690 08				400 00	
Treasury securities	600 00				6,750 00			
Working assets			39,130 91		50 00		593 31	100 00
Prepaid expenses			2,142 74					
Unamortized discount on securities and expenses			378,044 36		1,036 00			
Miscellaneous		567 49	10,109 82				11,205 28	
Corporate deficit		141,014 83						
Totals	\$36,442 45	\$180,435 92	\$1,510,201 34		\$15,768 12	\$70,770 28	\$115,417 69	\$55,421 80
<i>Liabilities.</i>								
Capital stock	\$30,000 00	\$65,000 00	\$1,000,000 00		\$10,000 00	\$25,000 00	\$100,000 00	\$38,240 00
Funded debt						18,500 00		15,000 00
Assessment		93,825 00						
Notes payable					3,750 00	6,562 26		2,000 00
Accounts payable			14,161 88		893 42			
Interest and taxes accrued		1,910 92	6,179 45		46 57			
Reserves			192,110 23			14,780 56	6,000 00	
Income invested since December 31, 1912, in fixed capital								
Totals	\$36,442 45	\$180,435 92	\$1,510,201 34		\$15,768 12	\$70,770 28	\$115,417 69	\$55,421 80

<sup>1</sup>Not operating.  
<sup>2</sup>Sold to Santa Cruz County Utilities, May 1, 1920. Includes electric operations.

TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Murphy Water, Ice and Light Company	Napa City Water Company	Natomas Water Company	Newman Water Works Company	Northern Oil Company	Northern Water and Power Company	North Fork Ditch Company	North Moneta Garden Lands Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$78,390 04	\$248,454 45	\$1,006,700 86	\$40,146 66	\$67,947 64	\$6,065,008 81	\$221,161 10	\$60,738 91
Fixed capital installed since December 31, 1912.....	66,155 67	71,742 74	94,690 64	6,536 73	.....	13,854 37	67,493 13	2,420 08
Total fixed capital.....	\$144,545 71	\$320,197 19	\$1,101,391 50	\$46,683 39	\$67,947 64	\$6,078,863 18	\$288,654 23	\$63,158 99
Cash and deposits.....	6,119 47	101 47	7,001 89	685 32	7,811 19	43 33	4,977 98	.....
Notes receivable.....	.....	.....	.....	.....	.....	.....	1,094 00	.....
Accounts receivable.....	1,325 60	.....	3,760 24	843 10	15,074 32	.....	783 10	182 72
Other current assets.....	.....	.....	.....	.....	.....	.....	.....	.....
Investments.....	.....	.....	.....	.....	11,424 35	.....	.....	.....
Treasury securities.....	.....	.....	.....	.....	.....	.....	.....	.....
Working assets.....	2,104 36	.....	.....	366 64	.....	.....	1,660 36	.....
Prepaid expenses.....	149 23	.....	52 51	.....	830 61	.....	72 60	.....
Unamortized discount on securities and expenses.....	180,000 00	4,121 30	.....	.....	.....	.....	106,209 25	.....
Miscellaneous.....	.....	25,676 71	.....	.....	.....	.....	3,791 95	.....
Corporate deficit.....	25,347 82	.....	.....	.....	.....	667,481 74	12,946 10	42,573 61
Totals.....	\$359,592 19	\$350,096 67	\$1,112,206 14	\$48,578 45	\$103,088 11	\$6,746,388 25	\$420,189 57	\$105,915 32
<i>Liabilities.</i>								
Capital stock.....	\$250,000 00	\$221,300 00	\$1,000,000 00	\$30,000 00	\$50,000 00	\$3,250,000 00	\$200,000 00	\$35,000 00
Funded debt.....	.....	76,000 00	.....	.....	.....	976,000 00	150,000 00	.....
Assessment.....	.....	.....	.....	.....	.....	297,500 00	.....	.....
Notes payable.....	70,500 00	.....	102,599 02	447 88	14,890 22	5,280 00	.....	.....
Accounts payable.....	.....	.....	.....	.....	.....	.....	14,600 00	62,494 12
Interest and taxes accrued.....	.....	.....	.....	.....	.....	283,041 69	945 59	.....
Reserves.....	39,092 19	.....	1,290 59	6,249 51	28,043 30	174,566 56	20,838 30	8,421 20
Income invested since December 31, 1912, in fixed capital.....	.....	.....	.....	.....	.....	.....	.....	.....
Appreciation of fixed capital.....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous.....	.....	52,796 67	.....	.....	.....	11,750,000 00	33,805 68	.....
Corporate surplus.....	.....	.....	8,326 53	11,881 06	10,154 59	.....	.....	.....
Totals.....	\$359,592 19	\$350,096 67	\$1,112,206 14	\$48,578 45	\$103,088 11	\$6,746,388 25	\$420,189 57	\$105,915 32

<sup>1</sup>Capital stock reverted to company.



TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	North Sacramento Light and Water Company	Oak Park Water Company	Ocean View Land and Water Company	Orange Home Water Company <sup>1</sup>	Palm Valley Water Company	Pasadena Consolidated Water Company	Patterson City Water Company	Peninsula Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$10,392 35	\$159,510 75	\$69,045 83		\$47,650 96	\$124,969 17		\$265,921 32
Fixed capital installed since December 31, 1912.....	17,426 41	52,588 99	2,851 01		4,500 00	80,592 08	\$34,862 05	23,290 50
Total fixed capital.....	\$27,818 76	\$212,099 74	\$71,896 84		\$52,150 96	\$205,561 25	\$34,862 05	\$289,211 82
Cash and deposits.....	137 09	8,545 55	33 25		260 46	616 38	2,781 33	18,449 17
Notes receivable.....								
Accounts receivable.....	494 08	2,870 58	202 27		606 80	8,075 32	492 00	1,872 10
Other current assets.....								
Investments.....								
Treasury securities.....		200,000 00				137,445 00		2,836 00
Working assets.....			367 18				9,900 00	
Prepaid expenses.....							350 00	
Unamortized discount on securities and expenses.....	31,808 42	140,489 25	28,900 00					
Miscellaneous.....							5,480 00	
Corporate deficit.....	11,305 80		41,890 86		887 41			
Totals.....	\$71,564 15	\$564,005 12	\$143,290 40		\$53,905 63	\$353,011 98	\$53,865 38	\$312,369 09
<i>Liabilities.</i>								
Capital stock.....	\$44,550 00	\$500,000 00	\$58,500 00		\$36,157 50	\$163,900 00	\$50,000 00	\$50,000 00
Funded debt.....						65,000 00		207,000 00
Assessment.....					16,544 75			
Notes payable.....	25,965 85	18 35	200 00			64,200 00		
Accounts payable.....			67,619 29		1,203 38	4,601 88	2,194 24	
Interest and taxes accrued.....						9,141 30		
Reserves.....	1,048 30		16,956 00			34,416 49		3,105 49
Income invested since December 31, 1912, in fixed capital.....		52,588 99						23,290 50
Appreciation of fixed capital.....								
Miscellaneous.....			15 11					
Corporate surplus.....		11,397 78				68 41	1,671 14	28,973 10
Totals.....	\$71,564 15	\$564,005 12	\$143,290 40		\$53,905 63	\$353,011 98	\$53,865 38	\$312,369 09

<sup>1</sup>Report not received in time to include figures in this report.

TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Peoples Water Company of Palms	Petaluma Power and Water Company	The Pioneer Canal Company	Placerville Water Works <sup>1</sup>	The Phubert Canal Company	Port Costa Water Company	Portola Water Company <sup>2</sup>	Pacifica City Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913	\$60,887 05	\$435,169 53	\$41,000 00		\$5,000 00	\$820,000 48		\$14,702 08
Fixed capital installed since December 31, 1912	10,338 00	63,876 40				261,922 63		8,487 70
Total fixed capital	\$70,225 05	\$499,045 93	\$41,000 00	\$30,316 00	\$5,000 00	\$881,923 11		\$23,189 78
Cash and deposits	1,564 17	2,302 70				2,353 32		136 56
Notes receivable								
Accounts receivable		5,006 44	18,006 02		14,143 65	48,333 53		532 14
Other current assets	2,300 16							
Investments			1,000 00	100 00	1,000 00	5,519 35		
Treasury securities								
Working assets		9,871 83				366 12		331 94
Prepaid expenses	21 27	858 08		45 00				
Unamortized discount on securities and expenses			195,345 00		40,225 00			
Miscellaneous			3,064 00		4,776 00	44,273 68		
Corporate deficit		2,049 79		27,344 74				1,467 63
Totals	\$84,080 25	\$518,714 77	\$255,006 02	\$48,006 74	\$15,143 65	\$983,329 11		\$25,650 80
<i>Liabilities.</i>								
Capital stock	\$50,000 00	\$300,000 00	\$240,000 00	\$48,000 00	\$50,000 00	\$500,000 00		\$12,300 00
Funded debt	20,000 00	100,000 00						
Assessment								
Notes payable	5,000 00	26,000 00						
	1,298 22	1,184 44		8 74		202,362 13		12,000 00
	816 39	3,534 45				125,177 65		
	4,897 50	87,865 87				20,219 16		360 00
31, 1912, in fixed capital								
	840 35		16,006 02		16,143 65	26,870 14		
	907 79							
Totals	\$84,020 25	\$518,714 77	\$255,006 02	\$48,006 74	\$15,143 65	\$983,329 11		\$25,650 09

<sup>1</sup>Sold to City of Placerville, November 15, 1920.  
<sup>2</sup>Report not received in time to include figures in this report.



TABLE NO. 1—Continued.

ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	San Gabriel Valley Water Company	San Geronimo Valley Water Company	The San Joaquin and Kings River Canal and Irrigation Company, Incorporated	San Geronimo Water Company	San Jose Water Works	Santa Clara Valley Water Company	Santa Clara Water and Irrigating Company	Santa Paula Water Works
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$267,219 00		\$1,278,753 71	\$327,149 36	\$1,749,226 41	\$55,556 74	\$199,859 88	\$174,314 07
Fixed capital installed since December 31, 1912.....	69,536 07	\$51,878 74	38,157 10	5,245 41	578,674 06	1,507 37	7,029 37	46,666 53
Total fixed capital.....	\$336,755 16	\$51,878 74	\$1,316,910 81	\$332,394 77	\$2,327,900 46	\$57,064 11	\$206,889 25	\$220,980 60
Cash and deposits.....	14,854 99	3 74	27,660 82	202 51	9,243 62	257 49	1,428 36	2,510 21
Notes receivable.....	26,431 58						583 70	
Accounts receivable.....	6,592 48	1,928 86	123,753 31	10,647 83	15,117 63	72 50	6,508 24	1,105 16
Other current assets.....	545 00							
Investments.....		3,500 00	10,314 57		40,000 00		16,679 01	1,300 00
Treasury securities.....							1,750 00	
Working assets.....	5,517 94		39,500 40	346 95	52,339 13		216 35	2,257 40
Prepaid expenses.....	35 65				3,121 17			866 93
Unamortised discount on securities and expenses.....								
Miscellaneous.....			198,712 47	522 25	3,316 58			
Corporate deficit.....		7,929 98				59,107 67	86,870 86	
Totals.....	\$390,732 80	\$65,241 32	\$1,716,852 38	\$344,114 31	\$2,451,038 59	\$116,501 77	\$320,925 77	\$229,020 30
<i>Liabilities.</i>								
Capital stock.....	\$250,000 00	\$27,823 00	\$1,000,000 00	\$50,000 00	\$2,026,000 00	\$98,200 00	\$175,440 00	\$150,000 00
Funded debt.....				100,000 00		10,000 00	50,000 00	
Assessment.....			93,387 21			3,816 50	9,970 00	
Notes payable.....	1,493 88	27,085 09	42,386 23	135 00	115,000 00		9,500 00	13,850 00
Accounts payable.....				273 50	5,054 97	290 79	2,315 00	2,827 28
Interest and taxes accrued.....		10,323 23	351,487 32	17,269 96	209,786 31		2,916 94	626 93
Reserves.....	41,241 20		36,075 42			4,194 48	18,983 83	27,106 58
Income invested since December 31, 1912, in fixed capital.....				151,173 21				
Appreciation of fixed capital.....				149 01			51,800 00	
Miscellaneous.....	204 24	10 00	49,933 43					
Corporate surplus.....	97,793 48		143,582 77	25,113 63				34,609 51
Totals.....	\$390,732 80	\$65,241 32	\$1,716,852 38	\$344,114 31	\$2,451,038 59	\$116,501 77	\$320,925 77	\$229,020 30

<sup>1</sup>Includes \$23,860, premium on capital stock.

<sup>2</sup>Includes \$125,440, installments on stock subscription.

TABLE NO. 1—Continued.

## ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Santa Rosa Water Works	Saticoy Water Company	Sawtelle Water Company	South Feather Land and Water Company	South San Francisco Water Company	Spring Valley Water Company	The Stine Canal Company	Stockton and Mokelumne Canal Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$210,076 69	\$25,997 96	\$57,420 24	\$282,982 67	\$165,722 69	\$60,150,809 55	\$81,433 05	\$238,041 85
Fixed capital installed since December 31, 1912.....	8,684 66	7,876 49	18,531 37	14,403 95	116,630 57	3,814,608 91		
Total fixed capital.....	\$218,741 35	\$33,874 45	\$75,951 61	\$297,386 62	\$282,353 26	\$63,965,418 46	\$81,433 05	\$238,041 85
Cash and deposits.....	4,189 53	1,108 37	3,336 42	817 77	12,120 71	87,376 80		10,510 96
Notes receivable.....				10,027 12	20,000 00			
Accounts receivable.....		1,929 10	1,361 11	7,123 42	3,902 42	243,698 26	262 08	4,705 32
Other current assets.....				1,514 38		15,522 08		
Investments.....	1,000 00					4,725,677 52		
Treasury securities.....		4,075 00				7,735,000 00		
Working assets.....			1,230 65	271 63	1,412 37	460,133 75		2,000 00
Prepaid expenses.....					135 54			
Unamortised discount on securities and expenses.....	67,000 00					20,448 55	199,998 75	
Miscellaneous.....		5,102 14				2,368,506 70	3,568 20	20 45
Corporate deficit.....							14,564 08	115,072 78
Totals.....	\$290,930 88	\$46,089 06	\$81,879 79	\$317,140 94	\$319,924 30	\$79,621,782 11	\$299,826 16	\$370,351 36
<i>Liabilities.</i>								
Capital stock.....	\$250,000 00	\$15,000 00	\$50,000 00	\$250,000 00	\$150,000 00	\$28,000,000 00	\$285,000 00	\$200,000 00
Funded debt.....						28,094,000 00		106,000 00
Assessment.....		23,442 18				840,000 00		10,000 00
Notes payable.....	32,000 00	6,000 00	2,500 00	22,600 00		850,000 00		30,282 42
Accounts payable.....		74 41	6,777 79	1,376 43	38,077 15	243,287 26	14,826 16	17,827 23
Interest and taxes accrued.....				54 33		225,987 32		3,321 71
Reserves.....		500 00		40,746 00	123,287 87	4,229,433 02		2,920 00
Income invested since December 31, 1912, in fixed capital.....								
Appreciation of fixed capital.....						14,259,578 46		
Miscellaneous.....	8,930 88	1,072 47		2,364 18	8,559 28	355,603 50		
Corporate surplus.....			22,602 00			2,523,892 55		
Totals.....	\$290,930 88	\$46,089 06	\$81,879 79	\$317,140 94	\$319,924 30	\$79,621,782 11	\$299,826 16	\$370,351 36

TABLE NO. 1--Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	St. Helena Water Company	Summit Lake Irrigation Company	Sutter-Butte Canal Company	Sweetwater Water Corporation	Sycamore Canon Water Company	Terrace Water, Light and Power Company	Utah Water and Improvement Company	Union Water Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913 . . . . .	\$99,817 10	\$61,510 50	\$1,088,721 32	\$1,198,067 97	\$4,400 00	\$152,501 38	\$94,311 00	\$48,745 53
Fixed capital installed since December 31, 1912 . . . . .	7,519 86	4,655 35	477,561 55	228,128 82	888 80		3,906 38	6,488 42
Total fixed capital . . . . .	\$107,336 76	\$66,165 85	\$1,566,282 87	\$1,426,214 89	\$5,288 80	\$152,501 38	\$98,217 38	\$55,231 95
Cash and deposits . . . . .	337 77	994 19	4,225 75	8,131 10	35 34		1,946 38	2,391 32
Notes receivable . . . . .			1,711 10				751 15	
Accounts receivable . . . . .		1,184 85	23,138 99	29,975 06		1,609 41		
Other current assets . . . . .	973 80		1,610 90					
Investments . . . . .		36,089 50	239,954 55					
Treasury securities . . . . .			409,300 00					
Working assets . . . . .			129,564 47	16,478 37		4,028 23		
Prepaid expenses . . . . .			408 00	164 06				
Unamortized discount on securities and expenses . . . . .			35,699 34	543 75	29,000 80	6,208 70		
Miscellaneous . . . . .			416,540 65	2,158 80				
Corporate deficit . . . . .		18,433 42	\$60,419 15		481 76	41,445 58		
Totals . . . . .	\$108,646 33	\$123,467 81	\$3,394,755 77	\$1,483,604 74	\$24,785 90	\$206,793 29	\$101,314 91	\$67,623 27
<i>Liabilities.</i>								
Capital stock . . . . .	\$40,250 00	\$100,000 00	\$1,250,000 00	\$1,000,000 00	\$24,000 00	\$34,005 00	\$50,000 00	\$25,000 00
Funded debt . . . . .			1,183,500 00	435,000 00		115,000 00		
Assessment . . . . .			370,040 00				40,000 00	
Notes payable . . . . .			274,545 80	25,000 00		44,128 34	1,778 00	
Accounts payable . . . . .		23,467 81	226,885 48	9,333 26	785 80	1,150 00		
Interest and taxes accrued . . . . .			23,387 06	73 89		11,492 20	3,500 00	2,500 00
Reserves . . . . .	7,709 14		52,504 55				2,906 28	
21, 1912, in fixed capital . . . . .								
Corporate surplus . . . . .			34,991 95			16 75		
Totals . . . . .	\$108,646 33	\$123,467 81	\$3,394,755 77	\$1,483,604 74	\$24,785 90	\$206,793 29	\$101,314 91	\$67,623 27

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	The Union Water Company of California	Venice of America Water Company	Victorville Domestic Water Company	Visalia City Water Company	Washington Water and Light Company	Watsonville Water and Light Company	Western Water Company	West Riverside Canal Company
<i>Assets.</i>								
Fixed capital installed prior to January 1, 1913.....	\$5,722,551 32			\$137,559 74	\$15,219 75	\$519,562 36	\$452,071 48	
Fixed capital installed since December 31, 1912.....	594,832 02	\$44,792 60	\$388 90	23,553 92	10,769 70	28,514 14	391,031 96	\$145,051 91
Total fixed capital.....	\$6,317,383 34	\$44,792 60	\$388 90	\$161,113 66	\$25,989 45	\$548,076 50	\$843,103 44	\$145,051 91
Cash and deposits.....	3,385 71	5,084 29	34 25	1,803 36	1,416 03	6,768 01	140,032 85	3,657 54
Notes receivable.....				94 00				
Accounts receivable.....	16,741 90	607 70	97 49	12,105 96		3,094 38	48,172 22	254 09
Other current assets.....								215 79
Investments.....	92,291 47				500 00			5,633 69
Treasury securities.....			5,000 00		1,200 00	3,838 00		
Working assets.....	8,535 23			2,437 24		1,186 93	39,235 09	9,026 62
Prepaid expenses.....	4,116 18			59 54		2,841 39	949 56	
Unamortised discount on securities and expenses.....				42,185 16		74,748 45		1,501 44
Miscellaneous.....								
Corporate deficit.....	902,994 72							
Totals.....	\$7,345,448 55	\$50,494 59	\$5,520 64	\$219,788 92	\$29,106 48	\$640,553 66	\$1,071,493 16	\$165,341 08
<i>Liabilities.</i>								
Capital stock.....	\$5,000,000 00	\$35,300 00	\$5,300 00	\$100,000 00	\$6,000 00	\$500,000 00	\$400,000 00	\$90,423 32
Funded debt.....	850,000 00			80,000 00				60,000 00
Assessment.....								
Notes payable.....	539,230 64							
Accounts payable.....	844,781 53	3,700 24	220 64	904 21		1,258 04	17,072 87	604 68
Interest and taxes accrued.....	25,500 00							1,500 00
Reserves.....	27,498 04	6,200 00		30,628 67		116,584 61	389,604 80	11,621 19
Income invested since December 31, 1912, in fixed capital.....					10,769 70			
Appreciation of fixed capital.....					10,419 75			
Miscellaneous.....	58,438 34						5,017 60	1,191 89
Corporate surplus.....		5,275 35		8,256 04	1,916 03	22,711 01	259,797 89	
Totals.....	\$7,345,448 55	\$50,494 59	\$5,520 64	\$219,788 92	\$29,106 48	\$640,553 66	\$1,071,493 16	\$165,341 08

<sup>1</sup>Includes \$5,273,155.61 acquisitions of predecessors and rights.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	West San Joaquin Valley Water Company	Whittier Water Company	Williams Water and Electric Company	Willits Water and Power Company	Willowbrook Water Company	Wilmington Water Company	Yolo Water and Power Company	Pacific Gas and Electric Company <sup>1</sup>	Southern California Edison Company <sup>1</sup>
<i>Assets.</i>									
Fixed capital installed prior to January 1, 1913.....	\$11,597 44	\$98,573 49	\$7,849 26	\$39,218 50			\$19,800,750 00		
Fixed capital installed since December 31, 1912.....	5,390 04	441,714 27	4,013 71	16,575 50	\$6,728 43	\$5,773 85	13,155 25		
Total fixed capital.....	\$16,987 48	\$540,287 76	\$11,862 97	\$55,794 00	\$6,728 43	\$5,773 85	\$19,873,905 25		
Cash and deposits.....	62,265 00	6,875 82		364 70	175 04		5,025 41		
Notes receivable.....		11,500 00					3,894 48		
Accounts receivable.....	713 35	19,981 92		545 55			30,006 74		
Other current assets.....		611 00							
Investments.....		131,119 52		1,000 00					
Treasury securities.....									
Working assets.....	346 56	9,716 88		903 83			3,540 84		
Prepaid expenses.....		1,129 13		23 81			530 41		
Unamortized discount on securities and ex- penses.....					770 00				
Miscellaneous.....		4,062 63				484 12	225,210 26		
Corporate deficit.....							259,920 51		
Totals.....	\$80,312 39	\$725,284 66	\$11,862 97	\$58,631 89	\$7,673 47	\$6,257 97	\$20,402,633 90		
<i>Liabilities.</i>									
Capital stock.....	\$50,000 00	\$200,000 00	\$8,704 00	\$44,200 00	\$770 00	\$5,900 00	\$10,000,000 00		
Funded debt.....		127,500 00					9,900,000 00		
Assessment.....									
Notes payable.....		68,000 00		6,000 00	3,500 00		25,560 23		
Accounts payable.....	5,289 58	8,930 74	1,107 43		445 24	357 97	171,940 57		
Interest and taxes accrued.....		519 18		13 50			299,000 00		
Reserves.....	3,808 64	107,152 77					6,133 10		
Income invested since December 31, 1912, in fixed capital.....									
Appreciation of fixed capital.....	5,000 00								
Miscellaneous.....									
Corporate surplus.....	16,214 17	213,181 97	2,051 54	8,418 39	2,958 23				
Totals.....	\$80,312 39	\$725,284 66	\$11,862 97	\$58,631 89	\$7,673 47	\$6,257 97	\$20,402,633 90		

<sup>1</sup>See electric table.



TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Bakersfield Water Company <sup>1</sup>	Hayward Water Company <sup>2</sup>	Kern Island Canal Company <sup>3</sup>	Western States Gas and Electric Company <sup>4</sup>	Vacaville Water and Power Company <sup>4</sup>	California Oregon Power Company <sup>4</sup>	Baldwin Park Domestic Water Company	Russian River Water Company	South Los Angeles Land and Water Company
<i>Assets.</i>									
Fixed capital installed prior to January 1, 1913.....	\$116,957 30						\$15,783 40		\$227,407 37
Fixed capital installed since December 31, 1912.....	59,896 99		\$226,045 05				65,366 72	\$28,262 76	85,062 19
Total fixed capital.....	\$176,854 29		\$226,045 05				\$81,150 12	\$28,262 76	\$312,469 56
Cash and deposits.....	154 17						180 37	1,005 51	251 57
Notes receivable.....									
Accounts receivable.....	2,500 68		7,962 08				645 31	4,005 30	10,445 56
Other current assets.....									
Investments.....			1,000 00						
Treasury securities.....	40,000 00							106,600 00	270,000 00
Working assets.....	2,649 29							1,975 99	
Prepaid expenses.....									
Unamortised discount on securities and ex- penses.....									
Miscellaneous.....			161,855 61					156 88	
Corporate deficit.....							3,590 43	1,654 47	
Totals.....	\$222,158 43		\$396,862 74				\$85,566 23	\$143,660 91	\$593,166 69
<i>Liabilities.</i>									
Capital stock.....	\$100,000 00		\$300,000 00				\$60,000 00	\$125,690 00	\$300,000 00
Funded debt.....	15,000 00								75,000 00
Assessment.....									
Notes payable.....	8,000 00							14,250 00	3,500 00
Accounts payable.....	10,582 29		91,920 98				19,758 18	3,720 91	15,589 26
Interest and taxes accrued.....	1,078 71								650 23
Reserves.....	49,314 89						5,808 05		48,169 46
Income invested since December 31, 1912, in fixed capital.....									
Appreciation of fixed capital.....									
Miscellaneous.....									137,891 48
Corporate surplus.....	38,182 54		4,941 76						12,386 26
Totals.....	\$222,158 43		\$396,862 74				\$85,566 23	\$143,660 91	\$593,166 69

<sup>1</sup>Sold to Bakersfield Water Works, May 16, 1920.  
<sup>2</sup>Sold to City of Hayward, May 1, 1920.  
<sup>3</sup>From October 7, 1920, when property was acquired of Kern Island Irrigating Canal Co.  
<sup>4</sup>See electric table.  
<sup>5</sup>Includes \$690, installments on stock subscriptions.

TABLE NO. 1—Concluded.  
ABSTRACT OF BALANCE SHEETS OF WATER CORPORATIONS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Inglewood Water Company	Plymouth Water Company	Novato Utilities Company <sup>1</sup>	Riverbend Gas and Water Company <sup>2</sup>	Maclay Rancho Water Company	Midland Counties Public Service Corporation <sup>1</sup>	San Joaquin Light and Power Corporation <sup>1</sup>	Santa Cruz County Utilities <sup>1</sup>	Totals
<i>Assets.</i>									
Fixed capital installed prior to January 1, 1913.....	\$108,518 63	\$3,305 00			\$164,678 32				\$125,612,938 30
Fixed capital installed since December 31, 1912.....	87,158 50	14,637 57							33,570,336 73
Total fixed capital.....	\$195,677 13	\$17,942 57			\$164,678 32				\$159,183,275 03
Cash and deposits.....	2,991 48	119 68			332 32				886,032 06
Notes receivable.....	289 00				18,250 00				228,081 84
Accounts receivable.....	13,697 01				73,354 32				1,543,477 81
Other current assets.....	535 50								57,509 55
Investments.....	12,306 86				63,443 00				6,061,817 06
Treasury securities.....									11,158,380 00
Working assets.....	3,537 53				1,750 00				1,320,721 55
Prepaid expenses.....									351,207 32
Unamortized discount on securities and ex- penses.....	1,144 51				9,500 00				11,240,117 56
Miscellaneous.....	72,397 85				68,481 80				6,203,914 66
Corporate deficit.....									5,276,234 37
Totals.....	\$302,576 87	\$18,062 25			\$399,789 76				\$203,509,768 80
<i>Liabilities.</i>									
Capital stock.....	\$125,000 00	\$5,123 00			\$150,000 00				\$91,825,336 31
Funded debt.....	84,000 00				141,500 00				60,697,100 00
Assessment.....		2,561 50			31,500 00				2,063,674 64
Notes payable.....		2,550 00			57,500 00				3,706,978 74
Accounts payable.....	6,415 62	2,611 09			17,885 66				5,189,735 25
Interest and taxes accrued.....	3,342 34	666 60			1,404 10				1,117,021 60
Reserves.....	53,257 49								11,271,183 42
Income invested since December 31, 1912, - in fixed capital.....		4,342 38							316,082 60
Appreciation of fixed capital.....	30,561 42								18,644,114 26
Miscellaneous.....		207 68							2,932,427 80
Corporate surplus.....									5,746,114 18
Totals.....	\$302,576 87	\$18,062 25			\$399,789 76				\$203,509,768 80

<sup>1</sup>See electric table.  
<sup>2</sup>See gas table.

TABLE NO. 2.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	The Anderson Canal Company	Anderson Water Company	Antelope Creek and Red Bluff Water Company	Artesian Water Company	Associated Water Company	August ON Company	Bakersfield Water Works <sup>1</sup>	Bay Point Utilities Company
Operating revenue .....	\$2,321 59	\$3,218 10	\$20,787 10	\$8,563 40	\$30,000 00	\$59,397 46	\$29,311 74	\$11,206 37
Operating expenses .....	4,759 30	3,221 80	18,082 92	5,382 58	31,446 90	58,173 49	29,406 05	10,211 12
Net operating revenue ..		\$88 30	\$2,704 18	\$3,280 82	\$1,386 87	\$1,223 97		\$997 25
Net operating loss .....	\$2,437 61			20,909 26	714 45	787 08	394 31	..... 60 00
Nonoperating revenue ..								
Gross corporate income ..		\$96 30	\$2,704 18	\$20,190 06	\$673 42	\$2,011 04	\$186 77	\$1,067 26
Gross corporate loss .....	\$2,437 61							
<i>Deductions.</i>								
Nonoperating revenue deductions .....				\$20,236 22		\$2,935 54	\$3,345 00	
Interest accrued on funded debt ..				3,763 81			143 28	
Other interest deductions ..			\$617 81	1,486 85	\$0 90		335 00	\$1,404 59
Rent deductions .....							1,372 99	17 25
Miscellaneous deductions ..								
Total deductions .....			\$617 81	\$26,486 89	\$0 90	\$2,935 54	\$5,196 27	\$1,511 94
Net corporate income for year ..		\$96 30	\$2,186 37	\$3,703 19	\$673 32	\$924 49	\$5,010 50	\$464 09
Net corporate loss for year ..	\$2,437 61							
Dividends .....			2,260 00	608 00				15 97
Miscellaneous additions to surplus ..	2,040 16		47 53				20 00	5 00
Surplus .....	902 55	160 00	8,062 04	194,381 89	12 70	103,681 08		1,801 43
		68 70	7,960 78	190,013 70	686 03	103,976 57	5,080 50	1,157 71

<sup>1</sup>From May 15, 1920. Purchased Bakersfield Water Co.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Heamont Land and Water Company	Bear Gulch Water Company	Ball Water Company	Belvedere Water Company	Berinda Water Company	Beverly Hills Utilities Company	Buena Vista Canal Company	The Campbell Water Company
Operating revenue	\$12,121 82	\$37,420 80	\$2,012 49	\$42,675 37	\$111,972 06	\$17,085 26	\$4,807 31	\$10,491 80
Operating expenses	26,094 08	18,997 50	7,906 10	31,099 18	122,939 07	21,492 83	4,116 85	10,022 62
Net operating revenue	...	\$18,423 30	\$106 39	\$10,976 19	...	\$4,457 45	890 46	\$469 18
Net operating loss	\$13,572 36	...	...	...	\$11,966 99	...	...	...
Nonoperating revenue	442 50	260 28	1,064 17	24 00	2,189 34	...	...	...
Gross corporate income	...	\$18,683 58	\$1,190 56	\$11,000 19	...	\$4,457 45	...	\$469 18
Gross corporate loss	\$13,129 76	...	...	...	\$9,777 65	...	...	...
Deductions.								
	...	\$10,250 00	...	\$4 75	250 26	...	...	...
	...	958 06	...	...	8,000 00	...	...	...
	...	1 00	...	...	300 06	...	...	...
	...	94 52	...	147 47	...	...	\$4 75	...
Total deductions	\$286 64	\$11,308 57	...	\$162 22	\$8,360 39	...	\$4 75	\$136 76
	\$13,386 40	\$7,380 91	\$1,190 56	\$10,847 97	\$18,127 96	\$4,457 45	\$986 71	\$943 43
plus	...	1,110 67	...	80,000 00	...	...	...	...
	...	77,317 19	...	36,712 54	...	...	4 30	1,710 42
	22,820 08	83,686 53	501 70	4,159 73	22,166 64	8,100 63	578 71	9,703 29
	46,206 48	...	688 86	21,104 64	4,938 00	12,618 18	1,866 72	4,995 40

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Centerville Water Company	The Central Canal Company	Chico Water Supply Company	Citizens Land and Water Company of Upland	Citizens Water Company of Niles	Citizens Water Company of San Jacinto	City Water Company of Banning	City Water Company of Ocean Park
Operating revenue .....	\$2,490 80	\$28,174 27	\$44,168 02	\$14,204 87	\$2,001 98	\$21,277 28	\$6,150 92	\$45,567 36
Operating expenses .....	4,046 64	57,101 70	31,175 18	9,935 44	5,949 80	20,263 42	7,177 24	45,000 22
Net operating revenue .....	\$1,555 75	\$30,927 43	\$12,993 44	\$4,409 43	\$3,012 18	\$11,013 86	\$1,026 32	\$507 13
Net operating loss .....		42 50		60 50		139 20	14 40	2,411 19
Nonoperating revenue .....								
Gross corporate income .....	\$1,555 75	\$30,884 93	\$12,993 44	\$4,409 93	\$3,012 18	\$11,153 06	\$1,011 92	\$2,018 23
Gross corporate loss .....								
<i>Deductions.</i>								
Rent deductions .....			\$2,450 80	\$730 80		\$12,000 80		\$315 50
Miscellaneous deductions .....			458 07	1,304 65	\$108 25	4,347 71	\$61 71	126 21
Total deductions .....		\$142 20			151 75	34 16		85 45
Net corporate income for year .....		\$142 20	\$3,308 07	\$2,144 06	\$284 49	\$16,381 87	\$51 71	\$527 16
Net corporate loss for year .....			\$10,065 37	\$2,525 25	\$2,657 66	\$5,228 81	\$1,063 63	\$2,391 16
Dividends .....			3,000 00	600 00	796 30	40 41		
Miscellaneous additions to surplus .....		7 70	500 00			940 46		9,783 21
Miscellaneous deductions from surplus .....			\$5,230 26	19,130 56	6,106 92	153,106 11	6,467 49	9,725 01
Total .....	4,760 38	48,296 88	61,834 62	26,854 78	8,050 13	166,338 97	5,403 85	2,383 96
	6,316 13	77,306 29						

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Claremont Domestic Water Company	Coalinga Consolidated Water Company	Compton Water and Lighting Company	Coeland Water Company	Conservative Water Company	Consolidated Canal Company	Consolidated Water Company of Pomona	Corona City Water Company
Operating revenue .. .. .	\$15,948 65	\$13,451 15	\$5,335 62	\$16,414 30	\$24,334 71	\$60,439 87	\$81,739 54	\$23,842 63
Operating expenses .. .. .	11,748 00	16,603 91	4,363 80	23,151 39	19,273 85	57,381 98	71,853 18	18,057 47
Net operating revenue .. .. .	\$4,198 65	\$6,847 24	\$976 02	\$3,262 91	\$5,060 86	\$3,057 89	\$10,886 36	\$5,785 16
Net operating loss .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Nonoperating revenue .. .. .	254 08	435 94	30 22	.. .. .	48 57	2,136 73	.. .. .	19 50
Gross corporate income .. .. .	\$4,452 70	\$7,283 18	\$1,006 24	\$3,262 91	\$5,109 43	\$5,194 52	\$10,886 36	\$5,804 66
Gross corporate loss .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Deductions, actions .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	\$181 27	\$1,723 65	.. .. .	.. .. .
debt .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	3,469 75	\$13,936 00	\$1,050 00
.. .. .	\$1,650 00	795 87	.. .. .	.. .. .	495 24	.. .. .	965 74	1,386 95
.. .. .	300 00	.. .. .	.. .. .	.. .. .	47 62	257 50	.. .. .	52 70
Total deductions .. .. .	\$1,950 00	\$6,706 87	.. .. .	.. .. .	\$724 23	\$5,450 93	\$14,900 74	\$2,489 68
Net corporate income for year .. .. .	\$2,502 70	\$11,512 09	\$1,006 24	\$3,262 91	\$4,385 20	\$1,156 31	\$5,024 38	\$3,114 98
Net corporate loss for year .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Dividends .. .. .	3,328 75	.. .. .	560 00	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Miscellaneous additions to surplus .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Miscellaneous deductions from surplus .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	4,285 20	.. .. .	.. .. .	.. .. .
Surplus on December 31, 1919 .. .. .	8,604 90	.. .. .	3,517 28	.. .. .	.. .. .	124,040 82	45,711 61	.. .. .
Deficit on December 31, 1919 .. .. .	.. .. .	.. .. .	2,774 12	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Surplus on December 31, 1920 .. .. .	7,780 85	37,563 32	.. .. .	4,110 03	17,988 22	122,884 51	43,687 23	16,084 83
Deficit on December 31, 1920 .. .. .	.. .. .	49,076 01	297 92	18,947 12	17,988 22	.. .. .	.. .. .	12,909 85

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Coronado Water Company	Cottonwood Irrigation and Mining Company	The Cove Water Company	Crown Water Company	Crystal Springs Water Company	Cuyamaca Water Company	Davis Water Company	Delmar Water, Light and Power Company
Operating revenue ..	\$71,619 38	\$997 85	\$993 33	\$1,765 30	\$4,862 15	\$76,216 26	\$4,869 75	\$10,468 47
Operating expenses ..	58,838 47	994 18	838 30	1,996 92	3,224 97	112,172 36	2,912 49	28,429 15
Net operating revenue ..	\$12,780 91		\$155 03		\$1,637 18		\$1,957 26	
Net operating loss ..		\$96 33		\$221 62		\$35,956 10		\$14,960 68
Nonoperating revenue ..	148 85					3,820 11		
Gross corporate income ..								
Gross corporate loss ..	\$12,929 76	\$96 33	\$355 03	\$221 62	\$1,637 18	\$32,136 99	\$1,977 26	\$14,960 68
Deductions ..								
Rent deductions ..							\$442 64	
Miscellaneous deductions ..	\$10,163 91	\$262 50	\$260 59			\$1,938 15		
	30 45					1,448 65	896 60	
Total deductions ..	\$10,194 36	\$262 50	\$260 59			\$3,386 80	\$1,339 24	
Net corporate income for year ..	\$2,735 40		\$74 44	\$221 62	\$1,637 18	\$33,472 79	\$638 02	\$14,960 68
Net corporate loss for year ..		\$316 83			591 00			
Dividends ..						10,672 72		
Miscellaneous additions to surplus ..	4 20		200 23		1,216 90		500 00	303 26
Miscellaneous deductions from surplus ..	\$20,128 93	107 75					2,151 05	
			261 26	670 76	479 76	204,223 65	3,289 07	339,194 78
	226,061 51							
	262,440 74	261 06	476 24	692 38	500 48	229,032 75		264,468 70

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Diamond Ridge Water Company	East Bay Water Company	East Gardens Water Company	East Sacramento Water Company	The Eastside Canal Company	Eastside Canal and Irrigation Company	The Electric Water Company	El Segundo Water Company
Operating revenue	\$1,784 21	\$2,406,144 68	\$6,477 55	\$2,218 06	\$5,851 07	\$12,794 81	\$92,878 86	\$8,481 83
Operating expenses	5,424 24	1,268,630 55	4,359 22	2,217 23	18,515 91	15,806 28	68,780 64	12,939 93
Net operating revenue		\$1,137,514 13	\$2,118 33	\$0 84	\$12,663 94	\$2,010 47	\$12,098 22	\$4,358 11
Net operating loss	\$3,640 03	67,025 76	324 00			3 45		
Nonoperating revenue								
Gross corporate income		\$1,104,539 89	\$2,442 33	\$0 84	\$12,663 94	\$2,007 02	\$12,098 22	\$4,358 11
Gross corporate loss	\$3,640 03							
Interest received and sundry income		\$38,204 94						
Other interest deductions		694,569 54						
Rent deductions	\$704 34	17,889 30	\$360 00			\$5,826 46		\$121 00
Miscellaneous deductions		20,525 97			\$223 50			
Total deductions	\$704 34	\$775,189 75	\$360 00		\$223 50	\$5,826 46		\$121 00
Net corporate income for year		\$419,350 14	\$2,082 33	\$0 84	\$12,857 44	\$7,653 46	\$12,098 22	\$4,479 11
Net corporate loss for year	\$4,404 37							
Dividends		293,861 33			130 18		534 06	
Miscellaneous additions to surplus		20,484 85					1,023 23	
Miscellaneous deductions from surplus		18,327 59	1,760 86					
Surplus on December 31, 1919		469,503 45	954 40					
Deficit on December 31, 1919	25,555 26			1,407 43	43,636 85	\$2,911 91	3,176 83	1,716 98
Surplus on December 31, 1920	20,962 62	\$97,208 52	1,276 15	1,406 56	\$6,394 11	100,544 49	3,732 21	6,194 99
Deficit on December 31, 1920								



TABLE NO. 2--Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	El Modena Domestic Water Company	El Dorado Water Company	Escalon Water and Light Company	Etna Development Company	Euclid Avenue Water Company	Excelsior Water and Mining Company	Fairmount Water Company	Fairview Land and Water Company
Operating revenue.....	\$1,065 38	\$27,282 17	\$2,470 43	\$3,671 25	\$3,944 55	\$29,225 70	\$25,622 99	\$212 46
Operating expenses.....	2,226 12	24,882 87	2,560 40	2,782 48	3,412 72	34,723 07	20,680 23	8,089 93
Net operating revenue.....		\$2,399 30		\$888 77	\$531 83		\$4,942 76	
Net operating loss.....	\$1,160 74		\$89 97			\$5,497 37		\$7,877 47
Nonoperating revenue.....	776 50							38,755 23
Gross corporate income.....		\$2,399 30		\$888 77	\$531 83		\$4,942 76	\$30,877 76
Gross corporate loss.....	\$384 24		\$89 97					
<i>Deductions.</i>								
Nonoperating revenue deductions.....								\$4,688 95
Interest accrued on funded debt.....		\$1,925 67			\$240 00			
Other interest deductions.....	\$5 39	243 00			112 00	\$1,183 14		2,615 66
Rent deductions.....								
Miscellaneous deductions.....	89 12	64 99						
Total deductions.....	\$94 51	\$2,233 66			\$352 00	\$1,183 14		\$7,304 61
Net corporate income for year.....		\$165 64		\$888 77	\$179 83		\$4,942 76	\$23,573 15
Net corporate loss for year.....	\$478 75		\$89 97			\$6,680 51	5,000 00	
Dividends.....	55 99					10 00		6 40
Miscellaneous additions to surplus.....						355 40		397 15
Miscellaneous deductions from surplus.....	5 67	2,906 75	265 78	1,161 70	5,613 31		6,562 48	20,576 58
Surplus on December 31, 1919.....						20,496 75		
Deficit on December 31, 1919.....		3,072 39	175 81	2,050 47	5,793 14		6,505 24	43,758 98
Surplus on December 31, 1920.....						27,522 66		
Deficit on December 31, 1920.....	417 09							

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Fall River Mills Water Company	The Farmers Canal Company	Farmers Irrigation Company	Fay Water Company	Fulton Water Company	Foothill Ditch Company	Forest Grove Water Company	Fortuna Water Company
Operating revenue	8909 55	\$4,245 06	\$20,909 97	\$7,779 70	\$775 80	\$12,089 53	\$773 54	\$4,201 49
Operating expenses	712 99	7,557 37	11,170 31	3,472 15	759 98	10,145 29	2,765 94	3,484 17
Net operating revenue	\$13 44	\$3,212 31	\$9,829 60	\$4,307 55	\$16 82	\$1,934 23	\$1,007 60	\$717 32
Net operating loss				148 46	17 89		\$1,903 40	
Nonoperating revenue							281 67	
Gross corporate income <sup>1</sup>	\$13 44	\$3,212 31	\$9,829 60	\$4,356 01	\$33 41	\$1,934 23	\$1,711 73	\$717 32
Gross corporate loss								
Deductions								
Total deductions		\$7 85	\$239 78			\$480 00		\$22 13
Net corporate income for year	\$13 44	\$3,220 16	\$9,599 82	\$4,356 01	\$33 41	\$1,454 23	\$1,711 73	\$735 19
Net corporate loss for year								
Dividends								
Miscellaneous additions to surplus		2 75	23 05	4,604 90				
Miscellaneous deductions from surplus			7,835 23	8,188 26	617 26	4,060 00		2,861 23
Surplus on December 31, 1919	370 45	22,466 94	17,463 00	7,859 37	660 66	3,504 23	4,868 34	3,361 41
Deficit on December 31, 1919								
Surplus on December 31, 1920	383 90	25,684 35					6,897 07	
Deficit on December 31, 1920								

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Francis Land and Water Company	Frederick Water Company	Fresno Canal and Land Corporation	Fresno City Water Corporation	Garden Grove City Water Company	The Gates Canal Company	Glendale Consolidated Water Company	The Goose Lake Canal Company
Operating revenue.....	\$7,920 10	\$734 35	\$140,354 47	\$340,701 46	\$2,111 79	.....	\$2,376 71	.....
Operating expenses.....	5,451 15	870 20	103,344 33	208,045 13	1,499 95	887 50	5,367 77	\$139 02
Net operating revenue.....	\$2,458 94	.....	\$37,010 09	\$32,656 33	\$611 84	.....	.....	.....
Net operating loss.....	.....	\$135 85	.....	8,127 81	.....	887 50	\$3,091 06	\$139 02
Nonoperating revenue.....	1,333 85	.....	9,450 49	.....	.....	.....	.....	.....
Gross corporate income.....	\$3,792 79	.....	\$46,460 58	\$40,783 14	\$611 84	887 50	\$3,091 06	\$139 02
Gross corporate loss.....	.....	\$135 85	.....	.....	.....	.....	.....	.....
<i>Deductions.</i>								
Nonoperating revenue deductions.....	\$26 04	.....	.....	\$2,289 53	.....	.....	.....	.....
Interest accrued on funded debt.....	.....	.....	\$38,049 45	15,404 22	.....	.....	.....	.....
Other interest deductions.....	.....	.....	2,612 84	3,374 98	\$393 13	.....	.....	.....
Rent deductions.....	1,000 00	.....	4,406 00	.....	.....	.....	.....	.....
Miscellaneous deductions.....	97 00	.....	834 20	72 00	.....	.....	.....	.....
Total deductions.....	\$1,120 04	.....	\$35,901 49	\$21,131 33	\$393 13	.....	.....	.....
Net corporate income for year.....	\$2,672 75	.....	\$10,559 09	\$19,651 83	\$248 71	887 50	\$3,091 06	\$139 02
Net corporate loss for year.....	.....	\$135 85	.....	.....	.....	.....	.....	.....
Dividends.....	1,400 00	.....	10,000 00	.....	.....	.....	.....	.....
Miscellaneous additions to surplus.....	.....	.....	.....	130,328 75	.....	.....	.....	.....
Miscellaneous deductions from surplus.....	1,000 00	.....	.....	\$232,480 91	.....	.....	.....	.....
Surplus on December 31, 1919.....	2,576 31	369 41	63,599 84	181,730 21	.....	.....	17,313 77	.....
Deficit on December 31, 1919.....	.....	.....	.....	.....	760 45	1,163 33	.....	1,707 93
Surplus on December 31, 1920.....	2,249 06	233 56	64,178 94	4,340 87	.....	1,350 86	14,350 71	.....
Deficit on December 31, 1920.....	.....	.....	.....	.....	511 77	.....	.....	1,846 96

<sup>1</sup>Assessment of Fresno City Water Co. \$35,080. Error surplus account to be corrected in 1921, \$1,328.75.  
 \$151,720.21. Profit Fresno City Water Co. January 1, 1920 to August 31, 1920, \$5,439.61 and assessment Fresno City Water Co.

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Haines Canyon Water Company	Hanford Water Company	Hawthorne Electric and Water Company	Hemet Town Water Company	Herndon Water Company	Herron Beach Water Corporation	Hesperia Water Company	Highland Domestic Water Company
Operating revenue	\$11,552 19	\$40,569 15	\$9,032 05	\$4,106 44	\$25,448 06	\$36,362 20	\$1,324 43	\$5,270 59
Operating expenses	19,126 54	35,354 48	8,560 00	5,795 36	25,375 13	23,871 49	1,324 43	4,004 46
Net operating revenue	\$7,474 25	\$5,234 67	\$1,072 05	\$885 92	\$78 53	\$12,490 81		\$1,266 13
Net operating loss	120 00	261 20		1,785 14	2,342 61	256 07		162 52
Nonoperating revenue								
Gross corporate income	\$7,354 35	\$5,496 87	\$1,072 05	\$1,096 22	\$2,416 14	\$12,746 89		\$1,428 65
Gross corporate loss								
	\$150 00			\$197 56		\$2,964 23		
	1,575 00		1,962 28			338 97		
	8 15			12 90	25 96	351 80		
Total deductions	\$1,733 15		\$1,962 28	\$210 46	\$25 96	\$4,675 10		
Net corporate income for year		\$3,495 87		\$885 76	\$2,390 18	\$8,071 78		\$1,428 65
Net corporate loss for year	\$9,067 50	11,460 00	\$889 68	4,000 00		3,800 48		1,379 70
Dividends				142 53		6 00		54 90
Miscellaneous additions to surplus	4,012 07	6,094 30		2,227 22				727 44
Miscellaneous deductions from surplus				37,530 99	26,808 64			
Surplus on December 31, 1919	3,426 54	130 17	5,477 23	21,233 06	27,968 82	4,468 30		691 49
Deficit on December 31, 1920	16,726 11		6,366 86					

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Hillsborough Water Company	The Hollister Water Company	Home Tract Water Company	Hornbrook Water Company	Huntington Beach Water Company	Imperial Utilities Corporation	Independence Water Company	Investment Water Company
Operating revenue	\$9,584 41	\$26,339 20	\$1,485 23	\$3,011 54	\$18,098 28	\$43,203 19	\$2,444 27	\$4,323 26
Operating expenses	0,883 66	13,000 48	1,370 26	1,511 54	10,645 94	47,008 82	1,330 39	5,110 03
Net operating revenue	\$2,698 75	\$12,738 72	\$115 96	\$1,500 00	\$1,452 34	\$14,598 37	\$1,113 88	\$786 77
Net operating loss					318 92	24,714 76		
Nonoperating revenue		226 66						
Gross corporate income		\$12,965 38	\$115 96	\$1,500 00	\$1,771 26	\$41,311 12	\$1,113 88	\$786 77
Gross corporate loss								
Deductions.								
	\$1,388 00					\$28,536 31		
	108 66			861 26		5,390 20		
						1,553 09		
	43 15	\$51 85			\$7 04	1,093 10		
						445 81		
Total deductions	\$1,591 81	\$51 85		\$61 26	\$7 04	\$36,857 51		
Net corporate income for year	\$1,106 94	\$12,913 53	\$115 96	\$1,438 75	\$1,764 22	\$4,453 61	\$1,113 88	\$786 77
Net corporate loss for year								
Dividends		8,000 00		1,200 00				
Miscellaneous additions to surplus	53 11	2,360 04			90 00	1,080 66		
	15,513 61	178,978 21	417 76	1,106 23	2,406 46	8,980 63	1,006 65	1,486 05
	18,623 46	181,511 70	\$53 71	1,436 96	733 24	1,331 70	2,210 73	600 26

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	The James Canal Company	The James and Dixon Canal Company	The Joyce Canal Company	Kennett Water Company	Kerman Water Company	Kern Island Irrigating Canal Company <sup>1</sup>	Kern River Canal and Irrigating Company	Kings County Canal Company
Operating revenue.....	\$6,771 15	\$180 16	\$228 05	\$5,078 65	\$20,850 00	\$26,513 09	\$8,763 54	\$883 00
Operating expenses.....	3,752 62	255 88	100 30	8,643 65	26,147 23	46,173 95	19,864 69	2,946 59
Net operating revenue.....	\$3,018 53		\$118 75					
Net operating loss.....		\$75 72		\$2,965 00	\$5,297 23	\$19,660 26	\$11,101 15	\$2,053 59
Nonoperating revenue.....	85 00			6 00		42 50		
Gross corporate income.....								
Gross corporate loss.....	\$3,103 53	\$75 72	\$118 75	\$2,959 00	\$5,297 23	\$19,617 76	\$11,101 15	\$2,053 59
<i>Deductions.</i>								
Nonoperating revenue deductions.....								
Interest accrued on funded debt.....								
Other interest deductions.....								
Rent deductions.....								
Miscellaneous deductions.....				\$11 05			\$47 05	
Total deductions.....				\$11 05			\$47 05	
Net corporate income for year.....	\$3,103 53	\$75 72	\$118 75	\$2,970 05	\$5,297 23	\$19,617 76	\$11,148 20	\$2,053 59
Net corporate loss for year.....								
Dividends.....				56 35	5,464 94		37 75	
Miscellaneous additions to surplus.....				250 00				
Miscellaneous deductions from surplus.....						7,462 15	1 39	
Surplus on December 31, 1919.....	10,183 69		144 23					
Deficit on December 31, 1919.....		832 03		878 57	5,464 94			2,390 96
Surplus on December 31, 1920.....	13,287 22		262 98	4,037 27	5,297 23	12,155 61	11,109 06	4,444 55
Deficit on December 31, 1920.....		907 75						

<sup>1</sup>Sold to Kern Island Canal Co., October 7, 1920

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Kings River and Fresno Canal Company	Leguna Blanco Water Company	Lake Hazen Water Company	Lewistale Land and Water Company	The Lerdo Canal Company	Los Oak Canal Company	Los Altos Water Company	Los Angeles County Water Works Company
Operating revenue...	\$2,400 10	\$1,683 45	\$83,254 63	\$5,970 47	\$2,043 16	\$1,627 50	\$6,142 76	\$20,060 68
Operating expenses .....	3,508 90	3,686 82	49,247 11	6,867 03	5,379 90	5,777 00	7,137 76	17,199 50
Net operating revenue .....	\$1,108 80	\$2,002 38	\$34,007 52	\$896 56	\$3,336 83	\$4,149 50	\$905 04	\$2,861 03
Net operating loss .....			12,902 68				16 00	
Nonoperating revenue .....								
Gross corporate income .....	\$1,108 80	\$2,002 38	\$40,910 20	\$896 56	\$3,336 83	\$4,149 50	\$905 04	\$2,861 03
Gross corporate loss .....								
			\$7,800 43				\$1,308 00	\$2,400 00
			4,175 86					66 55
			1,036 00					
			237 73	145 74			3 75	280 06
Total deductions .....			\$13,249 00	\$1,045 74			\$1,308 75	\$2,747 50
Net corporate income for year .....	\$1,108 80	\$2,002 38	\$33,661 20	\$1,942 80	\$3,336 83	\$4,149 50	\$3,783 79	\$113 53
Net corporate loss for year .....								
Dividends .....								
Miscellaneous additions to surplus .....			828 29					
Miscellaneous deductions from surplus .....			4,423 67	403 92				
Surplus on December 31, 1919 .....	14,446 86	15,067 20	12,871 27	21,029 71	20,201 91	14,147 00	20,706 61	2,551 94
Deficit on December 31, 1919 .....			17,184 68					2,065 43
Surplus on December 31, 1920 .....	15,555 66	17,069 48		23,376 93	23,028 74	18,297 19	23,406 90	
Deficit on December 31, 1920 .....								

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Lozano Water Company	Madera Canal and Irrigation Company	Madera Electric Water Company	Manteca Water Works	The Marysville Water Company	Mentone Water Company	Mohamud River Power and Water Company	Montebello Land and Water Company
Operating revenue.....	\$11,874 77	\$14,635 22	\$914 25	\$8,403 20	\$41,413 63	\$703 06	\$6,310 28	\$21,967 85
Operating expenses.....		9,542 26	994 53	7,770 73	41,273 62	826 86	11,371 01	16,569 80
Net operating revenue.....		\$4,812 96		\$731 47	\$141 01			\$5,377 75
Net operating loss.....		1,352 63	\$90 28		3,822 77	\$123 80	\$4,060 03	
Nonoperating revenue.....							120 00	
Gross corporate income.....		\$4,176 50	\$90 28	\$731 47	\$3,943 78	\$123 80	\$6,940 03	\$5,377 75
Gross corporate loss.....								
		\$4,931 26			\$41 00			
		274 03			3,125 00			
		846 14			17 84			
						\$200 00	\$1,243 06	\$719 44
								250 00
		\$6,052 31			\$1,153 84	\$200 00	\$1,243 06	\$908 44
Total deductions.....		\$123 28	\$90 28	\$731 47	\$2,779 94	\$363 06	\$7,183 71	\$2,408 31
Net corporate income for year.....	\$11,874 77			1,668 00	5,000 00			
Net corporate loss for year.....		16,418 44		712 06	1,500 00			7,590 00
Dividends.....				2,196 86	1,800 00			5,048 44
Miscellaneous additions to surplus.....		40,580 60	1,143 94		74,406 19			1,968 19
surplus.....	31,922 76			540 26	73,375 13	330 27	39,003 31	8,017 66
	43,797 53	24,038 97	1,224 22			713 07	46,187 02	



TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Montecito Valley Water Company	Monterey County Water Company	The Monterey County Water Works	Moore Park Farmers Water Company <sup>1</sup>	Moore Park Water, Light and Power Company	Mountain Light and Water Company <sup>2</sup>	Mountain Power Company	Mountain Water Company
Operating revenue .....	\$2,868 45	\$3,866 25	\$113,635 64	.....	\$1,980 95	\$1,629 47	\$7,141 18	\$4,031 23
Operating expenses .....	1,189 45	4,500 26	56,554 19	.....	2,185 78	573 06	8,957 08	8,788 41
Net operating revenue .....	\$1,679 00	.....	\$56,981 35	.....	.....	\$1,056 81	\$1,184 10	\$1,143 83
Net operating loss .....	60 92	\$434 01	9,265 25	.....	\$204 80	.....	47 90	.....
Nonoperating revenue .....	.....	286 30	.....	.....	.....	.....	.....	.....
Gross corporate income .....	\$1,739 92	.....	\$96,246 70	.....	\$204 80	\$1,056 81	\$1,192 00	\$1,143 83
Gross corporate loss .....	.....	\$347 63	.....	.....	.....	.....	.....	.....
Rent deductions .....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous deductions .....	.....	.....	.....	.....	.....	.....	.....	.....
Total deductions .....	.....	.....	\$4 29	.....	.....	.....	.....	.....
Net corporate income for year .....	\$1,739 92	.....	\$96,243 47	.....	.....	\$370 00	.....	\$1,040 00
Net corporate loss for year .....	.....	\$347 63	.....	.....	.....	.....	\$1,192 00	\$103 83
Dividends .....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous additions to surplus .....	.....	.....	.....	.....	.....	.....	.....	.....
Surplus .....	.....	64,078 00	32 70	.....	10 00	.....	.....	.....
.....	4,702 83	.....	9,660 09	.....	.....	.....	.....	.....
.....	.....	76,592 21	238,378 03	.....	1,570 48	.....	.....	.....
.....	5,442 45	.....	294,993 11	.....	1,078 03	.....	.....	.....
.....	.....	141,014 83	.....	.....	.....	.....	.....	.....

<sup>1</sup>Not operating.  
<sup>2</sup>Sold to Santa Cruz County Utilities.  
 Includes \$187.40 electric net revenue.

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Murphy Water, Ice and Light Company	Napa City Water Company	Natoma Water Company	Newman Water Works Company	Northern Oil Company	Northern Water and Power Company	North Fork Ditch Company	North Moneta Garden Lane Water Company
Operating revenue.....	\$16,823 80	\$49,114 62	\$25,059 30	\$10,239 39	\$36,812 87	\$100 00	\$34,764 30	\$1,729 53
Operating expenses.....	16,150 45	28,623 99	20,451 51	8,907 30	41,231 56	14,265 34	24,137 25	7,918 40
Net operating revenue.....	\$653 25	\$20,530 63	\$14,607 79	\$1,332 09	\$4,418 99	\$14,185 34	\$10,627 05	\$6,178 47
Net operating loss.....		854 20				124 01		
Nonoperating revenue.....								
Gross corporate income.....	\$653 25	\$21,384 83	\$14,607 79	\$1,332 09	\$4,418 99	\$14,061 33	\$10,627 05	\$6,178 47
Gross corporate loss.....								
Deductions:								
Dividends.....					\$6,309 94	\$41 99	\$6,656 00	
Miscellaneous additions to surplus.....	\$80 00	\$3,720 00	\$6,281 26	\$95 50		48,890 80	348 56	\$3,401 62
Miscellaneous deductions from surplus.....							16 00	
Surplus on December 31, 1919.....								
Deficit on December 31, 1919.....								
Surplus on December 31, 1920.....								
Deficit on December 31, 1920.....								
Total deductions.....	\$80 00	\$3,720 00	\$6,281 26	\$95 50	\$6,309 94	\$48,941 60	\$6,033 56	\$3,401 62
Net corporate income for year.....	\$573 25	\$17,664 83	\$8,326 53	\$1,236 59	\$10,728 93	\$33,903 02	\$1,593 20	\$9,580 09
Net corporate loss for year.....								
Dividends.....								
Miscellaneous additions to surplus.....	580 00	8,552 00	12,006 32	2,400 00	7,200 00			
Miscellaneous deductions from surplus.....	576 56	90 10			12,941 55			
Surplus on December 31, 1919.....		43,893 74	12,096 32	13,044 47	15,141 97		41,874 74	
Deficit on December 31, 1919.....	26,874 62						27,257 75	
Surplus on December 31, 1920.....		52,706 67	8,326 53	11,881 06	10,154 50	\$94,578 72		\$32,963 53
Deficit on December 31, 1920.....	26,347 82					\$67,481 74	12,946 10	42,573 61

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	North Sacramento Light and Water Company	Oak Park Water Company	Ocean View Land and Water Company	Orange Horse Water Company <sup>1</sup>	Palm Valley Water Company	Pasadena Consolidated Water Company	Patterson City Water Company	Pezinella Water Company
Operating revenue . . . . .	\$2,826 30	\$42,434 37	\$3,120 20	.....	\$2,901 05	\$24,000 30	\$3,273 33	\$33,958 45
Operating expenses . . . . .	4,206 39	31,801 05	5,574 36	.....	7,074 23	28,511 10	1,602 19	17,573 28
Net operating revenue . . . . .	.....	\$10,633 32	.....	.....	.....	.....	\$1,671 14	\$16,385 17
Net operating loss . . . . .	\$1,313 09	1,674 64	\$3,444 97	.....	\$4,172 55	\$500 80	.....	786 28
Nonoperating revenue . . . . .	354 00	.....	.....	.....	.....	2,913 25	.....	.....
Gross corporate income . . . . .	.....	\$12,307 96	\$3,444 97	.....	\$4,172 55	\$2,201 45	\$1,671 14	\$17,171 45
Gross corporate loss . . . . .	\$959 09	.....	.....	.....	.....	.....	.....	.....
<i>Deductions.</i>								
Nonoperating revenue deductions . . . . .	.....	.....	.....	.....	.....	\$5,906 00	.....	\$10,350 00
Interest accrued on funded debt . . . . .	.....	.....	.....	.....	.....	3,320 84	.....	.....
Other interest deductions . . . . .	\$1,200 00	.....	\$3,539 04	.....	.....	.....	.....	.....
Rent deductions . . . . .	.....	.....	305 85	.....	.....	.....	.....	.....
Miscellaneous deductions . . . . .	47 95	.....	.....	.....	.....	.....	.....	.....
Total deductions . . . . .	\$1,307 95	.....	\$3,905 90	.....	.....	\$7,220 84	.....	\$10,350 00
Net corporate income for year . . . . .	.....	\$12,307 96	.....	.....	.....	.....	\$1,671 14	\$6,821 45
Net corporate loss for year . . . . .	\$2,267 04	12,000 00	\$7,350 86	.....	\$4,172 55	\$4,929 20	.....	3,000 00
Dividends . . . . .	.....	2,572 72	.....	.....	.....	.....	.....	1,588 06
Miscellaneous additions to surplus . . . . .	.....	6,892 56	.....	.....	3,265 14	16,613 29	.....	26,739 71
surplus . . . . .	.....	15,109 86	.....	.....	.....	.....	.....	.....
.....	9,638 76	11,367 78	\$4,540 20	.....	857 41	11,053 90	1,671 14	29,973 10
.....	11,305 80	.....	41,800 85	.....	.....	.....	.....	.....

<sup>1</sup>Report not received in time to include figures in this report.

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
DURING THE YEAR ENDING DECEMBER 31, 1920.

	Peoples Water Company of Palme	Petaluma Power and Water Company	The Pioneer Canal Company	Placerville Water Works	The Plunkett Canal Company	Port Costa Water Company	Portola Water Company	Puerto City Water Company
Operating revenue.....	\$31,444 50	\$25,711 30	\$5,314 75	\$5,255 14	\$2,001 45	\$101,824 04		\$4,024 25
Operating expenses.....	17,340 90	39,824 24	7,082 56	3,853 17	178 87	96,152 48		3,284 24
Net operating revenue.....	\$4,203 60			\$1,421 97	\$2,422 59	\$5,671 56		\$739 91
Net operating loss.....		\$3,913 04	\$1,717 81			20 00		
Nonoperating revenue.....		200 00	42 50					
Gross corporate income.....								
Gross corporate loss.....	\$4,203 60	\$3,713 04	\$1,675 31	\$1,421 97	\$2,422 59	\$5,691 56		\$739 91
Interest on bonds and mortgages.....								
Other interest deductions.....	\$1,200 00	\$5,000 00				\$150 75		
Rent deductions.....	457 95	565 00				20,234 41		\$653 29
Miscellaneous deductions.....	92 15	3,157 20				524 82		
Total deductions.....	\$1,750 10	\$8,778 30				\$20,909 98		\$653 29
Net corporate income for year.....	\$2,453 50	\$12,486 34	\$1,675 31	\$1,421 97	\$2,422 59	\$15,218 42		\$112 58
Dividends.....		9,000 00		1,360 00				
Miscellaneous additions to surplus.....		14 00		52 50				
Miscellaneous deductions from surplus.....		945 84		34,734 10		41,788 56		
Surplus on December 31, 1919.....	1,785 71	30,368 39	17,483 33	7,073 96	12,721 06			1,355 25
	987 79		16,008 02		15,143 56	26,570 14		1,467 53

Filed to City of Placerville, November 15, 1920.  
Report not received in time to include figures in this report.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Randeburg Water Company	Redondo Water Company	Redwood City Water Company	Rialto Domestic Water Company	Riverbank Water Company	Roseville Water Company	San Benito County Land and Water Company	San Dimas Charter Oak Domestic Water Company
Operating revenue.....	\$6,706 03	\$34,263 84	\$12,182 07	\$7,106 95	\$14,244 97	\$36,505 97	\$1,875 24	\$12,940 40
Operating expenses .....	9,130 79	24,961 51	10,045 03	4,724 28	11,984 25	18,478 07	2,385 55	12,168 09
Net operating revenue .....	\$2,335 76	\$9,302 33	\$2,107 04	\$2,381 67	\$2,260 72	\$3,027 90	\$510 42	\$772 31
Net operating loss .....		50 59	135 50			1,110 00		121 03
Nonoperating revenue .....								
Gross corporate income.....	\$2,335 76	\$9,353 23	\$2,242 54	\$2,381 67	\$2,260 72	\$3,027 90	\$510 42	\$772 31
Gross corporate loss .....								
<i>Deductions.</i>								
Nonoperating revenue deductions.....		\$10,000 00		\$3,935 00		\$6,000 00	\$3,370 15	
Interest accrued on funded debt .....		3 90					1,635 00	\$366 50
Other interest deductions .....				120 00				180 00
Rent deductions .....	\$272 21			3 00				20 53
Miscellaneous deductions .....								
Total deductions .....	\$272 21	\$10,003 90		\$3,938 00		\$6,000 00	\$5,005 15	\$476 03
Net corporate income for year .....	\$2,063 55	\$949 05	\$2,242 54	\$976 33	\$2,260 72	\$3,137 90	\$417 31	\$296 28
Net corporate loss for year .....								
Dividends .....								
plus .....		78						
surplus.....	240 08	32 13	838 40	1,300 61	2,173 53	9,113 77	36,993 07	15,869 79
		31,491 20	580 94	633 28	4,434 25	7,447 39		16,377 10
	2,366 80	\$3,373 23					\$2,998 84	

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Gabriel Valley Water Company	San Geronimo Valley Water Company	The San Joaquin and Kings River Canal and Irriga- tion Company, Incorporated.	San Geronimo Water Company	San Jose Water Works	Santa Clara Valley Water Company	Santa Clara Water and Irrigating Company	Santa Paula Water Works
Operating revenue.....	\$31,438 45	\$4,499 19	\$300,976 97	\$13,786 28	\$288,851 11	\$1,330 62	\$14,844 71	\$22,563 25
Operating expenses.....	34,085 26	8,266 27	114,863 14	8,771 66	159,056 06	3,909 65	7,807 16	14,411 68
Net operating revenue.....	\$17,353 19		\$186,113 83	\$4,014 60	\$129,795 05		\$7,037 55	\$8,151 57
Net operating loss.....		\$3,767 08			2,276 31	\$3,579 23		
Nonoperating revenue.....	388 65		3,241 93			40 00	1,007 17	
Gross corporate income.....	\$17,741 84		\$189,355 76	\$4,014 60	\$129,795 05		\$8,044 73	\$8,151 57
Gross corporate loss.....		\$3,767 08				\$2,439 23		
	\$44 90							
	26 76					\$300 00	\$1,107 68	
	5,100 00		\$899 82	80 30	\$3,588 05		3,000 00	\$720 00
	63 79	\$46 55	1,507 41		747 12		1,052 72	
							1,877 90	40 00
Total deductions.....	\$5,232 44	\$45 55	\$2,377 23	80 30	\$3,333 77	\$300 00	\$7,106 30	\$760 00
Net corporate income for year.....	\$12,509 40		\$187,058 53	\$4,014 30	\$123,537 60		\$836 43	\$7,421 37
Net corporate loss for year.....		\$3,812 63				\$2,539 23		
Dividends.....			75,000 00		121,197 00			6,750 00
Miscellaneous additions to surplus.....	91 87			2 50	19,413 10			272 25
Miscellaneous deductions from surplus.....	108 66		29,036 63		842 50			31 24
Surplus on December 31, 1919.....	85,300 87		160,369 87	21,006 83	47,657 54			33,717 13
Deficit on December 31, 1919.....		4,117 35					\$7,907 29	
Surplus on December 31, 1920.....	97,793 48		142,583 77	26,113 63	68,498 74	\$5,268 44		\$4,809 51
Deficit on December 31, 1920.....		7,920 98				\$9,107 67	\$6,870 86	

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Santa Rosa Water Works	Satigny Water Company	Sawtelle Water Company	South Feather Land and Water Company	South San Francisco Water Company	Spring Valley Water Company	The Stine Canal Company	Stockton and McKelume Canal Company
Operating revenue.....	\$16,772 70	\$6,100 87	\$12,000 17	\$11,650 51	\$49,167 21	\$3,974,380 56	\$8,614 92	\$25,901 17
Operating expenses.....	14,464 58	5,076 76	15,872 68	14,147 94	51,774 01	2,032,409 63	12,164 78	14,742 82
Net operating revenue.....	\$2,308 12	\$1,024 11	\$6,127 49	\$7,502 57	\$-2,606 80	\$1,941,970 93	\$6,449 14	\$11,158 35
Net operating loss.....	416 96			472 65	2,764 83	359,803 66		
Nonoperating revenue.....								
Gross corporate income.....	\$2,725 07	\$1,024 11	\$6,127 49	\$7,502 57	\$-2,606 80	\$1,941,970 93	\$6,449 14	\$11,158 35
Gross corporate loss.....								
Deductions:								
Rent.....								
Miscellaneous.....								
Net deductions.....	\$1,440 00	\$480 00	\$175 00	\$1,394 30	\$101 18	\$77,835 73		\$6,240 00
Miscellaneous deductions.....						714,300 00		2,216 84
Total deductions.....	\$1,440 00	\$480 00	\$175 00	\$1,394 30	\$101 18	\$77,835 73		\$6,240 00
Net corporate income for year.....	\$1,285 07	\$544 11	\$952 49	\$6,108 27	\$-307 98	\$1,864,135 20	\$6,449 14	\$4,918 35
Net corporate loss for year.....								
Dividends.....								
plus.....	187 23			328 50		7,228 92	24 06	107,806 26
.....	7,803 03		26,781 01	6,001 76	8,490 43	2,753,283 78	11,011 32	9,854 16
.....	8,990 88	6,046 25	22,002 00	2,364 16	8,559 28	2,533,892 55		115,072 78
.....		5,102 14					14,564 69	

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	St. Helena Water Company	Summit Lake Irrigation Company	Sutter- Butte Canal Company	Sweetwater Water Corporation	Sycamore Canon Water Company	Torrance Water, Light and Power Company	Ukiah Water and Improvement Company	Union Water Company
Operating revenue.....	\$8,418 08	\$6,275 65	\$234,560 00	\$111,257 69	\$339 47	\$23,583 18	\$13,258 91	\$12,858 25
Operating expenses.....	5,944 71	1,906 59	185,037 68	73,919 68	522 86	21,727 90	12,160 83	6,834 75
Net operating revenue.....	\$2,473 37	\$4,369 06	\$49,522 32	\$37,338 01	.....	\$1,855 28	\$1,097 98	\$6,023 50
Net operating loss.....	.....	47 53	8,443 47	6,154 03	\$183 39	.....	.....	.....
Nonoperating revenue.....	.....	.....	.....	.....	.....	.....	.....	.....
Gross corporate income.....	\$2,473 37	\$4,416 59	\$57,965 79	\$43,492 04	.....	\$1,855 28	\$1,097 98	\$6,023 50
Gross corporate loss.....	.....	.....	.....	.....	\$183 39	.....	.....	.....
<i>Deductions.</i>								
Nonoperating revenue deductions.....	.....	\$3,838 63	\$4,482 13	\$1,447 97	.....	.....	.....	.....
Interest accrued on funded debt.....	.....	.....	43,132 87	27,000 00	.....	\$6,900 00	.....	.....
Other interest deductions.....	.....	1,326 25	8,517 85	791 03	.....	.....	\$2,800 00	.....
Rent deductions.....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous deductions.....	\$3 90	.....	1,857 75	.....	.....	2,064 69	.....	.....
Total deductions.....	\$3 90	\$5,164 88	\$57,990 60	\$29,239 00	.....	\$8,964 69	\$2,800 00	.....
Net corporate income for year.....	\$2,469 47	.....	.....	\$14,253 04	.....	.....	.....	\$6,023 50
Net corporate loss for year.....	.....	\$748 29	\$24 81	.....	\$183 39	\$7,109 41	\$1,702 02	.....
Dividends.....	3,018 75	.....	.....	.....	.....	.....	.....	4,200 00
Miscellaneous additions to surplus.....	.....	.....	2,957 68	185 80	.....	.....	197 15	.....
Miscellaneous deductions from surplus.....	.....	.....	2,250 05	181 25	.....	.....	533 10	.....
Surplus on December 31, 1919.....	61,238 47	.....	.....	.....	.....	.....	4,268 50	28,299 77
Deficit on December 31, 1919.....	.....	17,685 13	567,101 97	.....	298 37	34,336 17	.....	.....
Surplus on December 31, 1920.....	60,689 19	.....	.....	14,257 59	.....	.....	2,230 53	30,123 27
Deficit on December 31, 1920.....	.....	18,433 42	566,419 15	.....	481 76	41,445 58	.....	.....



TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	The Union Water Company of California	Venice of America Water Company	Victorville Domestic Water Company	Visalia City Water Company	Washington Water and Light Company	Watsonville Water and Light Company	Western Water Company	West Riverside Canal Company
Operating revenue .. .	\$148,127 45	\$16,059 06	\$2,309 95	\$39,844 09	\$4,036 19	\$43,124 28	\$440,576 47	\$17,000 46
Operating expenses .. .	93,479 81	14,052 65	2,309 95	29,314 45	2,754 94	25,075 08	308,765 84	11,424 40
Net operating revenue .. .	\$51,647 64	\$1,006 40		\$10,529 64	\$1,281 25	\$18,049 20	\$131,810 63	\$5,576 06
Net operating loss .. .					46 23	567 27	8,024 56	429 97
Nonoperating revenue .. .	5,569 79							
Gross corporate income .. .	\$57,217 43	\$1,006 40		\$10,529 64	\$1,235 02	\$18,616 47	\$143,786 13	\$6,006 06
Gross corporate loss .. .								
<i>Deductions.</i>								
Nonoperating revenue deductions .. .	\$96 10						\$5,194 82	
Interest accrued on funded debt .. .	51,000 00			\$4,800 00			42 30	\$3,000 00
Other interest deductions .. .	59,510 67				\$4 72			27 33
Rent deductions .. .								
Miscellaneous deductions .. .	320 53			280 01		\$166 45	344 50	94 00
Total deductions .. .	\$110,927 30			\$5,080 01	\$4 72	\$166 45	\$5,581 71	\$3,721 23
Net corporate income for year .. .		\$1,006 40		\$5,249 63	\$1,230 30	\$18,449 42	\$142,203 42	\$2,284 73
Net corporate loss for year .. .	\$3,709 57				900 00	12,600 00	248,000 00	
Dividends .. .				50			312,050 05	
Miscellaneous additions to surplus .. .	2,655 82			23 70	421 36	16,761 59	34,313 93	2,310 30
surplus .. .	73 00	4,266 06		3,029 61	1,372 65		87,908 29	26 58
	\$61,876 76	5,275 25		8,266 04	1,916 03	22,711 01	259,797 89	
	\$92,994 72							



## REPORT OF CALIFORNIA RAILROAD COMMISSION.

**TABLE NO. 2—Continued**

**ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.**

	Bakersfield Water Company <sup>1</sup>	Hayward Water Company <sup>2</sup>	Kern Island Canal Company <sup>3</sup>	Western States Gas and Electric Company	Vacaville Water and Power Company	California Oregon Power Company <sup>4</sup>	Baldwin Park Domestic Water Company	Russian River Water Company	South Los Angeles Land and Water Company
Operating revenue.....	\$15,940 49	\$9,619 09	\$15,331 84	\$13,949 55	\$3,959 86	\$47,011 07	\$3,142 07	\$9,734 00	\$57,208 89
Operating expenses.....	12,766 33	10,425 78	10,266 79	16,346 70	7,332 03	53,202 39	11,732 50	9,423 36	47,809 92
Net operating revenue.....	\$3,174 17	\$906 09	\$5,065 05	\$2,396 15	\$1,726 84	\$6,190 72	\$3,590 43	\$361 62	\$9,393 97
Net operating loss.....									
Nonoperating revenue.....									
Gross corporate income.....	\$3,174 17	\$906 09	\$5,065 05	\$2,396 15	\$1,726 84	\$6,190 72	\$3,590 43	\$361 62	\$9,393 97
Gross corporate loss.....									
<i>Deductions.</i>									
Nonoperating revenue deductions.....									
Interest accrued on funded debt.....	\$376 00								\$3,343 09
Other interest deductions.....	290 58							\$312 96	132 42
Rent deductions.....	150 00							443 00	
Miscellaneous deductions.....			\$249 05						504 29
Total deductions.....	\$745 58		\$249 05					\$755 96	\$2,979 80
Net corporate income for year.....	\$3,428 59	\$656 09	\$4,816 00	\$2,396 15	\$1,726 84	\$6,190 72	\$3,590 43	\$394 36	\$6,414 17
Net corporate loss for year.....									
Dividends.....			125 76	\$2,396 15	\$1,726 84	\$6,190 72		346 30	6,000 00
Miscellaneous additions to surplus.....	18 00								14,213 83
	35,771 95								26,185 91
	38,183 54		4,941 76					1,608 31	12,386 26
		\$96 09					3,590 43	1,654 47	

Sold to Robertfield Water Works. May 15, 1920.

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1920.  
 Property was acquired of Kern Irrigating Canal Co.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WATER CORPORATIONS OPERATING IN CALIFORNIA  
 DURING THE YEAR ENDING DECEMBER 31, 1920.

	Inglewood Water Company	Plymouth Water Company	Novato Utilities Company	Riverbend Gas and Water Company	Macay Rancho Water Company	Midland County Public Service Corporation	San Joaquin Light and Power Corporation	Santa Cruz County Utilities	Totals
Operating revenue.....	\$33,591 13	\$2,760 00	\$1,066 84	\$4,000 10	\$4,426 67	\$3,455 55	\$23,876 90	\$6,789 34	\$12,225,249 83
Operating expenses.....	33,977 80	1,974 30	1,278 35	5,097 14	4,073 06	3,055 79	13,284 39	4,883 99	8,270,250 74
Net operating revenue.....	373 33	785 70	788 49	902 96	353 61	399 76	10,592 51	905 35	\$8,954,999 09
Net operating loss.....	886 67	.....	\$191 51	\$497 04	.....	\$1,600 24	.....	.....	.....
Nonoperating revenue.....	4,457 57	.....	.....	.....	8,480 02	.....	.....	.....	820,829 73
Gross corporate income.....	\$4,370 90	\$785 70	.....	.....	\$8,823 63	.....	\$9,592 51	905 35	\$4,675,628 82
Gross corporate loss.....	.....	.....	\$191 51	\$497 04	.....	\$1,600 24	.....	.....	.....
Net corporate income for year.....	\$6,407 50	.....	.....	.....	\$8,281 58	.....	.....	.....	\$212,630 72
Net corporate loss for year.....	409 48	\$405 76	.....	.....	2,476 00	.....	.....	.....	1,931,362 36
Dividends.....	186 18	.....	.....	.....	7,197 86	.....	.....	.....	366,345 86
Miscellaneous additions to surplus.....	.....	.....	.....	.....	.....	.....	.....	.....	35,599 27
Total deductions.....	\$6,003 16	\$406 76	.....	.....	\$15,954 44	.....	.....	.....	64,628 24
Net corporate income for year.....	\$1,632 26	\$379 94	\$191 51	\$497 04	\$9,120 81	\$1,600 24	\$9,592 51	905 35	\$2,010,566 56
Dividends.....	46,614 79	.....	191 51	497 04	600 00	1,600 24	.....	.....	\$1,966,092 27
Miscellaneous additions to surplus.....	47,831 82	67 14	.....	.....	.....	.....	.....	.....	2,407,271 63
Net corporate income for year.....	\$9,445 56	105 12	.....	.....	\$9,980 99	.....	.....	.....	604,973 83
Dividends.....	73,897 86	207 68	.....	.....	68,491 80	.....	.....	.....	1,095,609 36
Miscellaneous additions to surplus.....	.....	.....	.....	.....	.....	.....	.....	.....	1,403,458 81
Total.....	.....	.....	.....	.....	.....	.....	.....	.....	470,613 72

\*Transferred to electric table.  
 \*Transferred to gas table.

TABLE NO. 3.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	The Anderson Canal Company	Anderson Water Company	Antelope Creek and Red Bluff Water Company	Artesian Water Company	Associated Water Company	August Oil Company	Bakersfield Water Works <sup>1</sup>	Bay Point Utilities Company
<i>Operating Revenue—Water.</i>								
Earnings from commercial sales.		\$1,797 95	\$17,820 88	\$8,003 40			\$23,292 16	\$4,720 26
Commercial earnings—flat rate.		1,520 15	111 98		\$25,226 20		5,349 94	1,876 90
Commercial								
Earnings from								
Industrial as			1,363 39		4,823 93	\$59,397 46		4,000 31
Industrial as							\$62 50	
Earnings from			876 99				4 55	
Earnings from								
Earnings from			493 40					
Earnings from			120 46				102 59	
Miscellaneous								
	2,208 99							
	23 00							
Total operating revenue—water.	\$2,331 59	\$3,318 10	\$20,787 10	\$8,003 40	\$30,000 03	\$59,397 46	\$29,311 74	\$11,206 87
<i>Other Operating Revenue.</i>								
Profit on merchandise sales.								
Profit on piping and connections.								
Total other operating revenue.								
Total operating revenue	\$2,331 59	\$3,318 10	\$20,787 10	\$8,003 40	\$30,000 03	\$59,397 46	\$29,311 74	\$11,206 87

<sup>1</sup>From May 15, 1920, property purchased from Bakersfield Water Company.

TABLE NO. 2—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Beaumont Land and Water Company	Bear Gulch Water Company	Red Water Company	Belvedere Water Company	Benicia Water Company	Beverly Hills Utilities Company	El Estero Water Company	The Campbell Water Company
<i>Operating Revenue—Water.</i>								
Earnings from commercial sales:								
Commercial earnings—flat rate.....	\$55 62 1,500 00	\$22 56 24,030 08	\$8,012 49	\$42,031 87	\$19,075 51	\$10,235 28		\$1,411 48 4,090 37
								108 25
								324 00
								353 95
								4,170 96
								37 85
Total operating revenue—water.....	\$13,121 82	\$37,417 50	\$8,012 49	\$42,032 87	\$111,972 08	\$17,035 28	\$4,807 31	\$10,491 80
<i>Other Operating Revenue.</i>								
Profit on merchandise sales.....								
Profit on piping and connections.....		\$3 21		\$42 50				
Total other operating revenue.....		\$3 21		\$42 50				
Total operating revenue.....	\$13,121 82	\$37,420 80	\$8,012 49	\$42,075 37	\$111,972 08	\$17,035 28	\$4,807 31	\$10,491 80

TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Centerville Water Company	The Central Canal Company	Chico Water Supply Company	Citizens Land and Water Company of Upland	Citizens Water Company of Niles	Citizens Water Company of San Jacinto	City Water Company of Riverside	City Water Company of Ocean Park
Earnings from Commercial Connections	.....	.....	\$31,212 92	\$12,036 06	\$5,404 47	.....	.....	\$16,703 55
Earnings from Industrial Connections	.....	.....	8,316 25	.....	.....	.....	.....	23,276 36
Earnings from Industrial Connections	\$2,400 89	.....	.....	487 21	2,408 95	.....	.....	.....
Earnings from Industrial Connections	.....	.....	2,172 00	900 00	312 50	.....	.....	.....
Earnings from Industrial Connections	.....	.....	1,875 50	.....	626 78	.....	.....	44 50
Earnings from Industrial Connections	.....	.....	498 50	282 65	.....	.....	.....	543 00
Earnings from Industrial Connections	.....	\$26,047 15	.....	.....	207 30	\$30,578 83	.....	.....
Earnings from Industrial Connections	.....	137 12	.....	225 12	.....	574 65	.....	.....
Total operating revenue—water	\$2,400 89	\$26,174 27	\$44,076 17	\$12,981 08	\$8,961 96	\$31,153 48	\$6,150 92	\$45,567 35
Other Operating Revenue.	.....	.....	.....	.....	.....	.....	.....	.....
Profit on merchandise sales	.....	.....	.....	\$433 84	.....	.....	.....	.....
Profit on piping and connections	.....	.....	.....	.....	.....	\$123 80	.....	.....
Total other operating revenue	.....	.....	.....	\$433 84	.....	\$123 80	.....	.....
Total operating revenue	\$2,400 89	\$26,174 27	\$44,108 63	\$14,204 87	\$8,961 96	\$31,277 28	\$6,150 92	\$45,567 35





TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Cerrado Water Company	Cottonwood Irrigation and Mining Company	The Cove Water Company	Crown Water Company	Crystal Springs Water Company	Cuyamaca Water Company	Davis Water Company	Delmar Water, Light and Power Company
Earnings from Commercial .....	\$382 57		\$893 33	\$1,765 30	\$2,334 35			
Earnings from industrial sales: Industrial sales—flat rate.....	55,151 23				1,520 65	\$28,348 42	\$4,858 52	\$2,881 20
	2,719 14							
	6,240 00				66 00			
	131 25							
	338 55							
	6,113 96	\$897 85			41 15	47,660 69		
	345 62					187 15	31 23	5,795 17
Total operating revenue—water.....	\$71,619 38	\$897 85	\$893 33	\$1,765 30	\$4,853 15	\$76,216 26	\$4,889 75	\$8,676 37
Other Operating Revenue.								
Profit on merchandise sales.....								\$10 10
Profit on piping and connections .....								1,782 00
Total other operating revenue.....								\$1,792 10
Total operating revenue.....	\$71,619 38	\$897 85	\$893 33	\$1,765 30	\$4,853 15	\$76,216 26	\$4,889 75	\$10,468 47

TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Diamond Ridge Water Company	East Bay Water Company	East Gardena Water Company	East Sacramento Water Company	The East Side Canal Company	East Side Canal and Irrigation Company	The Electric Water Company	El Segundo Water Company
Earnings from Commercial Connections	\$291 25	\$12,353 01		\$2,218 04			\$75,594 04	\$5,618 15
Earnings from Industrial and Domestic	476 90	1,750,508 84					5,181 83	
Earnings from Industrial and Domestic		371,526 02						
Earnings from Industrial and Domestic		1,142 04						303 20
Earnings from Industrial and Domestic		1,237 40						
Earnings from Industrial and Domestic		54,533 24						
Earnings from Industrial and Domestic	1,016 30	214,467 26	\$6,477 55		\$5,820 90	\$13,794 81		2,665 15
Earnings from Industrial and Domestic					31 07			
Total operating revenue—water	\$1,784 21	\$2,406,796 91	\$6,477 55	\$2,218 04	\$5,851 97	\$13,794 81	\$80,578 88	\$8,546 30
Other Operating Revenue.								
Profit on merchandise sales		\$347 77						\$25 32
Profit on piping and connections								\$35 32
Total other operating revenue		\$347 77						
Total operating revenue	\$1,784 21	\$2,406,144 68	\$6,477 55	\$2,218 04	\$5,851 97	\$13,794 81	\$80,578 88	\$8,581 62

TABLE (NO. 2—Continued).  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	El Modena Domestic Water Company	El Dorado Water Company	Escalon Water and Light Company	Etna Development Company	Euclid Avenue Water Company	Exeter Water and Mining Company	Fairmount Water Company	Fairview Land and Water Company
<i>Operating Revenue—Water.</i>								
Earnings from commercial sales:								
Commercial earnings—flat rate	\$1,065 38	\$3,551 02	\$2,470 43	\$3,141 25		\$370 00	\$24,306 40	
Commercial		1,325 75						
Earnings from		1,219 20		30 00				
Industrial		300 80				3,404 20		
Industrial								
Earnings from		474 20						
Earnings from								
Earnings from		20,336 01		500 00	\$3,944 55	26,302 75		\$112 46
Earnings from		75 00				148 75	1,317 59	100 00
Miscellaneous								
Total operating revenue—water	\$1,065 38	\$37,263 17	\$2,470 43	\$3,671 25	\$3,944 55	\$39,235 70	\$25,622 99	\$212 46
<i>Revenue.</i>								
Profit on								
Profit on								
Total other operating revenue								
Total operating revenue	\$1,065 38	\$37,263 17	\$2,470 43	\$3,671 25	\$3,944 55	\$39,235 70	\$25,622 99	\$212 46

TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930.

	Fall River Mills Water Company	The Farmers' Canal Company	Farmers' Irrigation Company	Pay Water Company	Felton Water Company	Foothill Ditch Company	Forest Grove Water Company	Fortuna Water Company
Earnings from								
Commercial	\$400 55			\$151 80	\$775 50		\$772 54	\$1,480 06
Earnings from				7,587 90				26 52
Industrial as								
Industrial as								
Earnings from								
Earnings from								240 00
Earnings from								19 44
Earnings from						\$12,089 53		
Earnings from								
Miscellaneous								
		\$4,319 54	\$30,583 89					
		26 42	117 08					
Total operating revenue—water	\$400 55	\$4,345 06	\$30,999 97	\$7,779 70	\$775 50	\$12,089 53	\$772 54	\$4,391 49
Other Operating Revenue.								
Profit on merchandises sales								
Profit on piping and connections								
Total other operating revenue								
Total operating revenue	\$400 55	\$4,345 06	\$30,999 97	\$7,779 70	\$775 50	\$12,089 53	\$772 54	\$4,391 49

TABLE NO 3.—Continued.  
 ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930.

	Francis Land and Water Company	Frederick Water Company	Fresno Canal and Land Corporation	Fresno City Water Corporation	Garden Grove City Water Company	The Gates Canal Company <sup>1</sup>	Glendale Consolidated Water Company	The Goose Lake Canal Company <sup>1</sup>	
Earnings from Commercial Commercial Earnings from Industrial as Industrial as Earnings from Earnings from Earnings from Miscellaneous	\$5,157 19 991 97 ..... 1,716 31 300 00 ..... 124 63 ..... .....	\$433 35 ..... 102 00 ..... ..... ..... ..... .....	..... ..... ..... ..... \$140,354 47 .....	\$201,768 45 27,445 55 ..... 3,083 50 36 00 3,041 15 6,263 26	\$1,861 06 ..... ..... ..... 244 96 5 75	..... ..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... ..... .....	\$2,376 71 ..... ..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... ..... .....
Total operating revenue—water.....	\$7,920 10	\$734 35	\$140,354 47	\$240,598 11	\$2,111 79	.....	\$2,376 71	.....	
Other Operating Revenue.									
Profit on merchandise sales.....	.....	.....	.....	\$113 25	.....	.....	.....	.....	
Profit on piping and connections.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total other operating revenue.....	.....	.....	.....	\$113 25	.....	.....	.....	.....	
Total operating revenue.....	\$7,920 10	\$734 35	\$140,354 47	\$240,701 46	\$2,111 79	.....	\$2,376 71	.....	

<sup>1</sup>No revenue.

TABLE NO. 2—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Haines Canyon Water Company	Hanford Water Company	Hawthorne Electric and Water Company	Hemet Town Water Company	Hercules Water Company	Hermosa Beach Water Corporation	Hesperia Water Company	Highland Domestic Water Company
<i>Operating Revenue—Water.</i>								
.....	.....	\$34,769 86	\$3,982 15	\$270 60	\$1,159 04	.....	\$149 26	\$2,493 30
.....	.....	3,637 19	5,427 80	5,303 85	4,542 79	\$22,300 15	18.00	2,228 30
.....	.....	.....	152 70	30 00	.....	.....	.....	.....
.....	.....	.....	60 00	102 32	19,342 01	9,147 65	1,106 83	.....
.....	.....	.....	.....	.....	403 62	201 90	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	192 10	.....	200 76	.....	4,522 95	60 34	220 87
.....	.....	.....	.....	.....	.....	70 75	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....
Total operating revenue—water.....	\$11,652 19	\$40,589 15	\$9,632 65	\$6,106 44	\$25,448 66	\$26,362 30	\$1,324 43	\$4,043 56
<i>Other Operating Revenue.</i>								
Profit on merchandise sales.....	.....	.....	.....	.....	.....	.....	.....	\$342 31
Profit on piping and connections.....	.....	.....	.....	.....	.....	.....	.....	84 72
Total other operating revenue.....	.....	.....	.....	.....	.....	.....	.....	\$327 03
Total operating revenue.....	\$11,652 19	\$40,589 15	\$9,632 65	\$6,106 44	\$25,448 66	\$26,362 30	\$1,324 43	\$4,370 59

TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Hillsborough Water Company	The Hollister Water Company	Home Tract Water Company	Hornbrook Water Company	Huntington Beach Water Company	Imperial Utilities Corporation	Independence Water Company	Investment Water Company
<i>Operating Revenue—Water.</i>								
Earnings from commercial sales								
Commercial earnings—flat rate		\$19,486 05	\$221 00	\$3,011 54	\$247 10	\$12,992 16	\$2,093 00	\$152 52
Commercial earnings—metered rate			576 44		15,752 08	21,315 67		4,190 74
Earnings from industrial sales:								
Industrial sales—flat rate	\$0,434 91					25 90		
Industrial sales—metered rate	140 50	2,510 35				23,306 25		
Earnings from					1,914 00	48 00		
Earnings from						356 64		
Earnings from sales to municipal departments		4,361 80				116 96		
Earnings from sales for irrigation		45 00	575 35			490 19		
Miscellaneous earnings from operation		6 00	13 44		155 00	2,473 03		
Total operating revenue—water	\$0,584 41	\$20,339 20	\$1,456 23	\$3,011 54	\$19,006 26	\$62,134 79	\$2,093 00	\$4,323 26
<i>Other Operating Revenue.</i>								
Profit on merchandise sales							\$351 27	
Profit on piping and connections						\$48 41		
Total other operating revenue						\$48 41	\$351 27	
Total operating revenue	\$0,584 41	\$20,339 20	\$1,456 23	\$3,011 54	\$19,006 26	\$62,183 19	\$2,444 27	\$4,323 26

TABLE NO. 3--Continued.  
 ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930.

	The James Canal Company	The James and Dixon Canal Company	The Joyce Canal Company	Kennett Water Company	Kerman Water Company	Kern Island Irrigating Canal Company <sup>1</sup>	Kern River Canal and Irrigating Company	Kings County Canal Company
<i>Operating Revenue--Water.</i>								
Earnings from commercial sales:								
Commercial earnings--flat rate.....				\$4,649 96	\$1,143 09			
				418 56		\$918 07		
				18 00				
				525 75	16,765 60	26,267 44	\$8,721 17	\$883 00
	\$6,754 20	\$180 16	\$238 06		8,941 40	308 12	42 37	
	16 95							
	\$6,771 15	\$180 16	\$238 06	\$5,613 20	\$20,850 00	\$26,513 09	\$8,763 54	\$883 00
Total operating revenue--water.....								
<i>Other Operating Revenue.</i>								
Profit on merchandising sales.....				\$9 15				
Profit on piping and connections.....				67 21				
				\$94 36				
Total other operating revenue.....								
Total operating revenue.....	\$6,771 15	\$180 16	\$238 06	\$5,678 65	\$20,850 00	\$26,513 09	\$8,763 54	\$883 00

<sup>1</sup>Sold to Kern Island Canal Company, October 7, 1930.



TABLE NO. 2—Continued.  
 ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Kings River and Fresno Canal Company	Laguna Blanca Water Company	Lake Henet Water Company	Lawndale Land and Water Company	The Lerdo Canal Company	Lone Oak Canal Company	Los Altos Water Company	Los Angeles County Water Works Company
Earnings from Commercial Commercial Earnings from industrial sales: Industrial sales—flat rate. Industrial sales Earnings from Earnings from Earnings from Miscellaneous		\$138 00 1,415 73	\$12,127 97	\$5,970 47			\$335 00 4,900 00	\$4,843 85 8,234 23 333 60
			4,406 90 300 00				\$25 20 433 55	
	800 10 1,500 00	56 72 75 00	66,477 56 296 45		\$2,020 56 22 60	\$1,627 50		5,659 01
Total operating revenue—water.	\$2,400 10	\$1,663 45	\$83,172 95	\$5,970 47	\$2,043 16	\$1,627 50	\$5,142 75	\$30,060 66
Other Operating Revenue. Profit on merchandise sales. Profit on piping and connections.			\$81 68					
Total other operating revenue.			\$81 68					
Total operating revenue.	\$2,400 10	\$1,663 45	\$83,254 63	\$5,970 47	\$2,043 16	\$1,627 50	\$5,142 75	\$30,060 66

TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1929.

	Los Angeles Water Company <sup>1</sup>	Madera Canal and Irrigation Company	Madera Electric Water Company	Manteca Water Works	The Marysville Water Company	Montone Water Company	Mokelumne River, Power and Water Company	Montebello Land and Water Company
Earnings from								
Commercial	.....	.....	2014 26	\$7,351 20	.....	.....	\$2,512 51	\$544 50
Commercial	.....	.....	.....	.....	\$53,025 72	.....	.....	.....
Earnings from	.....	.....	.....	.....	.....	.....	.....	.....
Industrial sales—flat rate	.....	.....	.....	750 00	1,498 00	\$48 00	2,001 47	.....
Industrial sales—metered rate	.....	.....	.....	.....	2,235 41	655 00	.....	.....
Earnings from	.....	.....	.....	385 00	.....	.....	.....	.....
Earnings from	.....	.....	.....	.....	372 86	.....	.....	.....
Earnings from	.....	.....	.....	.....	673 10	.....	.....	.....
Earnings from	.....	.....	.....	.....	3,608 54	.....	337 30	20,816 68
Miscellaneous	.....	\$14,655 23	.....	5 00	.....	.....	.....	96 06
Total operating revenue—water	.....	\$14,655 23	2014 26	\$8,492 20	\$41,413 63	\$703 06	\$4,900 38	\$21,457 23
Other Operating Revenue.	.....	.....	.....	.....	.....	.....	.....	.....
Profit on merchandise sales	.....	.....	.....	.....	.....	.....	\$410 00	\$20 46
Profit on piping and connections	.....	.....	.....	.....	.....	.....	.....	499 86
Total other operating revenue	.....	.....	.....	.....	.....	.....	\$410 00	\$510 32
Total operating revenue	.....	\$14,655 23	2014 26	\$8,492 20	\$41,413 63	\$703 06	\$5,310 38	\$21,967 55

<sup>1</sup>No revenue.

TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Montecito Valley Water Company	Monterey County Water Company	The Monterey County Water Works	Moore Park Farmers' Water Company <sup>1</sup>	Moore Park Water, Light and Power Company	Mountain Light and Water Company <sup>2</sup>	Mountain Power Company	Mountain Water Company
.....	8842 85	.....	874,672 89	.....	.....	81,629 47	84,072 18	.....
.....	2,325 89	.....	.....	.....	.....	.....	969 00	84,898 23
.....	.....	.....	27,198 74	.....	81,980 95	.....	.....	.....
.....	.....	.....	5,220 00	.....	.....	.....	2,100 00	.....
.....	.....	.....	1,570 80	.....	.....	.....	.....	.....
.....	.....	.....	534 77	.....	.....	.....	.....	.....
.....	.....	83,866 28	1,374 32	.....	.....	.....	.....	45 00
.....	.....	.....	.....	.....	.....	.....	.....	.....
Total operating revenue—water.....	82,868 45	83,866 28	8110,571 32	.....	81,980 95	81,629 47	87,141 18	84,931 23
Other Operating Revenue.	.....	.....	.....	.....	.....	.....	.....	.....
Profit on merchandise sales.....	.....	.....	82,496 44	.....	.....	.....	.....	.....
Profit on piping and connections.....	.....	.....	567 78	.....	.....	.....	.....	.....
Total other operating revenue.....	.....	.....	83,064 23	.....	.....	.....	.....	.....
Total operating revenue.....	82,868 45	83,866 28	8113,635 54	.....	81,980 95	81,629 47	87,141 18	84,931 23

<sup>1</sup>Not operating.  
<sup>2</sup>Sold to Santa Cruz County Utilities, May 1, 1920.





TABLE NO. 2—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Peoples' Water Company of Palms	Petaluma Power and Water Company	The Pioneer Canal Company	Placerville Water Works <sup>1</sup>	The Phunlett Canal Company	Port Costa Water Company	Portola Water Company <sup>2</sup>	Puente City Water Company
	\$11,566 24	\$5,323 95 21,609 00		\$5,355 14		\$1,428 39 26,101 52		\$3,000 59
	9,014 26 894 00	3,757 70 2,600 00				500 20 51,545 06 532 80 108 15 21,371 30		
		520 66	\$6,269 33 25 42		\$2,558 90 42 50	26 00		934 75
Total operating revenue—water.....	\$31,444 50	\$35,711 20	\$5,314 75	\$5,355 14	\$2,601 40	\$101,834 04		\$4,024 25
Other Operating Revenue.								
Profit on merchandise sales .....								
Profit on piping and connections .....								
Total other operating revenue .....								
Total operating revenue .....	\$31,444 50	\$35,711 20	\$5,314 75	\$5,355 14	\$2,601 40	\$101,834 04		\$4,024 25

<sup>1</sup>Sold to City of Placerville, November 15, 1920.

<sup>2</sup>Report not received in time to include figures in this report.



TABLE NO. 2—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Gabriel Valley Water Company	San Geronimo Valley Water Company	The San Joaquin and Kings River Canal and Irrigation Company, Incorporated	San Geronimo Water Company	San Jose Water Works	San Clara Valley Water Company	San Clara Water and Irrigating Company	San Luis Water Works
Earnings from Commercial	\$272 86	\$4,177 65	\$2,082 10	\$139 24	\$50,173 52			\$1,330 00
Earnings from Industrial or	26,109 08	321 84		7,504 58	201,474 00			13,631 15
Earnings from Industrial or			2,400 00	3,732 16				1,000 00
Earnings from				108 00	10,522 25			2,440 00
Earnings from	374 50				7,753 49			
Earnings from	20 25				6,002 80			156 00
Earnings from	22,358 57		103,793 57	2,242 26		\$1,330 63	\$14,844 71	2,904 23
Miscellaneous			2,731 00		1,544 42			12 57
Total operating revenue—water	\$48,235 36	\$4,499 49	\$200,976 97	\$13,786 26	\$277,500 57	\$1,330 63	\$14,844 71	\$32,544 40
Other Operating Revenue.								
Profit on merchandise sales	\$321 29							\$48 85
Profit on piping and connections	2,891 70				\$6,000 54			
Total other operating revenue	\$3,213 00				\$6,000 54			\$48 85
Total operating revenue	\$51,438 45	\$4,499 49	\$200,976 97	\$13,786 26	\$283,501 11	\$1,330 63	\$14,844 71	\$32,593 25



TABLE NO. 3—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Santa Rosa Water Works	Sutro's Water Company	Sawtelle Water Company	South Feather Land and Water Company	South San Francisco Water Company	Spring Valley Water Company	The Rice Canal Company	Stockton and Mokelumne Canal Company
Earnings from								
Commercial	\$7,448 25	\$723 25	\$1,100 50		\$18 00			
Commercial	4,204 74	4,562 21	10,873 05		17,997 67	\$3,085,901 08		
Earnings from								
Industrial	16 32					5,795 15		
Industrial	2,568 81				31,151 54	533,585 20		
Earnings from	300 00		60 00			131,047 98		
Earnings from		558 32				4,362 30		
Earnings from	519 00		64 13			106,592 06		
Earnings from				\$11,650 51			\$3,595 67	\$25,901 17
Miscellaneous						55,834 17	25 25	
Total operating revenue—water	\$16,092 80	\$5,843 75	\$12,099 17	\$11,650 51	\$49,167 21	\$3,974,380 56	\$3,614 92	\$25,901 17
Other Operating Revenue								
Profit on merchandise sales	\$79 90	\$119 30						
Profit on piping and connections		187 79						
Total other operating revenue	\$79 90	\$287 09						
Total operating revenue	\$16,772 70	\$6,100 87	\$12,099 17	\$11,650 51	\$49,167 21	\$3,974,380 56	\$3,614 92	\$25,901 17

TABLE NO. 3--Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	St. Helena Water Company	Summit Lake Irrigation Company	Butler Butte Canal Company	Sweetwater Water Corporation	Sycamore Canon Water Company	Torrance Water, Light and Power Company	Utah Water and Improvement Company	Union Water Company
Earnings from								
Commercial	\$302 50				\$339 47		\$4,081 35	\$4,151 40
Commercial	6,904 85					\$8,066 95	5,911 85	5,126 25
Earnings from							25 00	
Industrial				\$102,414 51			1,786 43	3,376 70
Industrial				6,459 67		11,494 35	306 00	
Earnings from	1,259 50			1,954 25		2,930 71	613 45	10 25
Earnings from	170 24			459 26			422 22	288 20
Earnings from						303 28		
Earnings from		\$6,275 65	\$234,560 00			2,757 53		
Miscellaneous								
Total operating revenue—water	\$8,418 08	\$6,275 65	\$234,560 00	\$111,257 69	\$339 47	\$23,583 18	\$13,108 30	\$12,651 90
Other Operating Revenue.								
Profit on merchandise sales							\$152 61	\$6 45
Profit on piping and connections								
Total other operating revenue							\$152 61	\$6 45
Total operating revenue	\$8,418 08	\$6,275 65	\$234,560 00	\$111,257 69	\$339 47	\$23,583 18	\$13,258 91	\$12,658 25

TABLE NO. 3—Continued.  
 ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	The Union Water Company of California	Venice of America Water Company	Victorville Domestic Water Company	Vinalia City Water Company	Washington Water and Light Company	Watsonville Water and Light Company	Western Water Company	West Riverside Canal Company
Earnings from								
Commercial	\$1,008 76	\$2,003 26	\$1,570 50	\$30,067 81	\$4,626 19	\$29,703 23		
Commercial	53,226 41	10,319 06	729 45			9,075 43	\$80,537 20	
Earnings from								
Industrial	58,427 71			2,703 00		783 85	394,978 47	
Industrial	4,424 68	36 00		2,593 47				
Earnings from	110 78	221 55		3,705 00		1,453 00		
Earnings from	8,039 65	644 30				1,413 75	894 80	
Earnings from	4,500 40					3,422 02		
Miscellaneous	13,261 26			512 06		242 30	166 00	\$16,716 62
								263 86
Total operating revenue—water	\$145,109 63	\$15,069 06	\$2,299 95	\$39,601 04	\$4,626 19	\$43,124 26	\$446,576 47	\$17,000 48
Other Operating Revenue.								
Profit on merchandise sales	\$17 82			\$42 06				
Profit on piping and connections								
Total other operating revenue	\$17 82			\$42 06				
Total operating revenue	\$145,127 45	\$15,069 06	\$2,299 95	\$39,644 09	\$4,626 19	\$43,124 26	\$446,576 47	\$17,000 48

TABLE NO. 2—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930.

	West San Joaquin Valley Water Company	Whittier Water Company	Williams Water and Electric Company	Willits Water and Power Company	Willowbrook Water Company	Wilmington Water Company <sup>1</sup>	Yolo Water and Power Company	Pacific Gas and Electric Company	Southern California Edison Company
Earnings by Commerce Commerce	\$1,788 81 2,868 21	\$123 00 2,386 03	\$1,232 45 2,350 03	\$7,886 80	\$3,217 83			\$211,701 08 102,912 00	\$22,001 94
Earnings by Industries Industries	182 00 9 00	7,147 41		1,537 40				8,731 92 49,979 89	3,180 10
Earnings by Earnings from sales to municipal depart- ments	842 84 30 80			622 25 78 75					
Earnings from sales to municipal depart- ments	292 48			290 00				30,035 25	86 82
Earnings from sales for irrigation		29,713 16						197,226 88	8,145 06
Miscellaneous earnings from operation	1 15	18,206 23		16 00				143,274 23	1,436 76
Total operating revenue—water	\$5,052 90	\$97,544 82	\$3,683 07	\$10,026 70	\$3,217 83		\$15,897 28	\$643,870 75	\$ 25,440 32
Other Operating Revenue.									
Profit on merchandise sales									
Profit on piping and connections									
Total other operating revenue									
Total operating revenue	\$5,052 90	\$97,544 82	\$3,683 07	\$10,026 70	\$3,217 83		\$15,897 28	\$643,870 75	\$25,440 32

<sup>1</sup>No revenue.

\*Includes \$6,534.49 interdepartment revenue.

TABLE NO. 2—Continued.  
ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Bakersfield Water Company <sup>1</sup>	Hayward Water Company <sup>2</sup>	Kern Island Canal Company <sup>3</sup>	Western States Gas and Electric Company	Yacerville Water and Power Company	California Oregon Power Company <sup>4</sup>	Baldwin Park Domestic Water Company	Russian River Water Company	South Los Angeles Lead and Water Company
<i>Operating Revenue—Water.</i>									
	\$13,388 15			\$12,107 16	\$5,387 06	\$19,591 23	4,723 50	9,784 00	\$5,427 08
	2,173 44	\$6,970 72			2,477 59	22,940 45			42,045 59
			\$281 93			1,104 35			517 25
		1,335 18				2,719 15	2,047 89		7,041 47
	322 09	1,010 00			790 00	105 75			
	1 90	16 56		19 83	170 21	180 12			
					144 00				
		72 40	15,016 84	322 56		404 90	1,370 68		662 50
	74 00		33 07	1,500 00					
Total operating revenue—water..	\$15,940 49	\$9,404 88	\$15,331 84	\$13,949 55	\$8,938 86	\$47,005 95	\$8,142 07	\$9,784 00	\$57,203 89
Profit on .....		\$214 83				\$5 72			
Profit on .....									
Total other operating revenue.....		\$214 83				\$5 72			
Total operating revenue.....	\$15,940 49	\$9,619 69	\$15,331 84	\$13,949 55	\$8,938 86	\$47,011 67	\$8,142 07	\$9,784 00	\$57,203 89

<sup>1</sup>Sold to Bakersfield Water Works, May 15, 1920.

<sup>2</sup>Sold to City of Hayward, May 1, 1920.

<sup>3</sup>Acquired property of Kern Island Irrigating Canal Company, October 7, 1920.

<sup>4</sup>Includes Oregon business.

TABLE NO. 3—Continued.  
 ABSTRACT OF OPERATING REVENUE OF WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930.

	Inglewood Water Company	Plymouth Water Company	Novato Utilities Company	Riverbend Gas and Water Company	Meaday Rancho Water Company	Midland County Public Service Corporation	San Joaquin Light and Power Corporation	Santa Cruz County Utilities	Totals
<i>Operating Revenue—Water.</i>									
Earnings from commercial sales:	\$5 40 23,385 72	\$2,760 00	\$1,066 84	\$4,600 10	\$4,426 67	\$3,455 55	\$19,794 93 2,757 97	\$3,780 00 3,009 34	\$1,116,023 08 8,514,517 80
									152,333 94 1,932,033 05 201,081 14 30,453 97
									205,702 71 1,578,130 20 365,036 87
Total operating revenue—water.....	\$33,591 13	\$2,760 00	\$1,066 84	\$4,600 10	\$4,426 67	\$3,455 55	\$23,576 90	\$6,789 34	\$12,305,941 85
<i>Other Operating Revenue.</i>									
Profit on merchandise sales .....									\$4,740 06
Profit on piping and connections .....									14,567 02
Total other operating revenue .....									\$19,307 97
Total operating revenue .....	\$33,591 13	\$2,760 00	\$1,066 84	\$4,600 10	\$4,426 67	\$3,455 55	\$23,576 90	\$6,789 34	\$12,325,249 83



Transmission and Distribution.	Superintendence.....	\$16 61	\$10,387 52	.....	\$3,248 63	\$60,673 31	.....	.....	\$2,170 45	\$19,115 37
	Patrolling storage facilities.....	55 05	35,703 54	.....	.....	69,880 63	.....	.....	38 38	4,085 00
	Meter and fittings department expenses and supplies.....	210 18	2,800 68	.....	2,066 50	8,878 37	.....	\$4,535 84	287 86	34,865 35
	Street department expenses and supplies.....	.....	.....	.....	.....	1,351 89	.....	9 61	1 74	9,704 25
	Customers' premises expenses.....	.....	5,550 35	.....	1,769 92	47,490 73	.....	.....	320 19	10,026 89
	Miscellaneous supplies and expenses.....	.....	12,822 04	.....	28 04	.....	.....	.....	212 26	9,906 28
	Repairs to transmission mains and canals.....	181 12	987 63	.....	33 87	30,108 62	.....	.....	117 62	11,646 74
	Repairs to reservoirs, tanks and standpipes.....	163 80	47,903 41	\$65,816 69	3,057 78	18,466 13	.....	1,971 73	684 76	5,948 86
	Repairs to distribution mains and canals.....	76 81	21,897 74	.....	3,450 89	9,786 87	.....	4,689 06	2,207 37	42,351 54
	Repairs to services.....	.....	731 11	.....	.....	251 84	.....	142 55	821 24	37,847 62
	Repairs to hydrants.....	.....	.....	.....	.....	.....	.....	.....	2 60	1,907 76
	Repairs to fountains and troughs.....	.....	.....	.....	.....	.....	.....	.....	.....	1,208 59
	Total transmission and distribution expenses.....	\$703 57	\$138,784 02	\$65,816 69	\$13,669 74	\$246,888 39	\$64,715 23	\$11,348 79	\$6,864 47	\$188,514 25
Commercial Expenses.	Collections, reading meters, etc.....	\$748 00	\$137,082 52	.....	\$5,622 53	\$7 970 44	.....	.....	\$4,074 89	\$205,227 21
	Promotion of business, salaries and expenses.....	660 50	11,132 92	.....	286 55	239 14	.....	.....	.....	.....
	Total commercial expenses.....	\$1,408 50	\$148,215 44	.....	\$5,909 08	\$8,209 58	.....	\$17,178 15	\$4,074 89	\$205,227 21

<sup>1</sup>Irrigating Company. Unable to segregate accounts to Commission's classification.  
<sup>2</sup>Credit item.



TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "A" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Butter- Butte Canal Company	The Union Water Company of California	Western Water Company	Yolo Water and Power Company	Port Costa Water Company	Sweetwater Water Company	Midland Counties Public Service Corporation	Total
<i>Source of Water Supply.</i>								
Superintendence.....		\$7 25		\$1,060 11		\$225 41		\$38,640 81
Operating labor.....				1,000 00		1,187 61		27,720 72
Operating supplies and expenses.....				3 10		408 92		13,481 65
Water purchased for resale.....			\$20,040 60					47,146 84
Repairs to water supply buildings and fixtures.....					\$343 14	200 52		5,331 06
Repairs to surface sources of supply facilities.....					173 20	190 41		23,363 63
Repairs to ground source of water supply.....		4 40	9 48		2,887 33		\$5 50	13,334 92
Total source of water supply expenses.....		\$11 65	\$20,050 18	\$3,043 21	\$3,402 76	\$2,182 87	\$5 50	\$159,928 51
<i>Pumping.</i>								
Superintendence.....	\$4,911 48	\$10,504 47	\$3,504 97		\$2,079 06			\$14,841 37
Pumping labor.....	2,988 47	604 25	35,571 85		7,230 96		\$533 50	346,530 94
Miscellaneous labor.....	2,806 35		284 92	\$3,626 32	72 28		98 44	20,140 83
Fuel for steam.....	8,213 50	21,309 81	4,082 07					261,283 38
Power purchased.....	753 86	208 14	43,330 04		14,734 36		1,100 97	509,001 36
Lubricants.....	7,736 89	2,110 23	5,477 37		269 31		20 00	23,785 49
Miscellaneous.....	680 78	2,557 60	2,964 24		873 59		2 73	34,964 48
Repairs to.....			18,518 06		1,902 62		60 57	79,462 16
Repairs to.....		10 80	1,773 58		2 00			9,925 76
Repairs to.....		318 33	3,529 50		849 46			6,963 89
Repairs to.....	147 85		3,204 47		312 60		44 40	16,103 03
unds.....								
Total pumping expenses.....	\$36,298 66	\$37,944 72	\$122,611 15	\$3,626 32	\$28,316 04		\$1,800 70	\$1,318,284 38
<i>Purification.</i>								
Purification labor.....						\$280 08		\$24,918 37
Purification supplies and expenses.....		\$36 75			667 73	2,052 66		16,898 53
Repairs to purification plant and structures.....					311 20		\$64 74	2,487 77
Total purification expenses.....		\$36 75			\$288 93	\$2,332 34	\$64 74	\$44,034 97

<i>Transmission and Distribution.</i>									
Superintendence.....									\$89,894 17
Patrolling storage facilities.....									113,599 87
Meter and fittings department expenses and supplies.....									103,404 09
Street department expenses and supplies.....									12,841 99
Customers' premises expenses.....									12,050 37
Miscellaneous supplies and expenses.....									83,770 85
Repairs to transmission mains and canals.....									66,414 03
Repairs to reservoirs, tanks and standpipes.....									39,779 68
Repairs to distribution mains and canals.....									212,718 59
Repairs to services.....									82,074 14
Repairs to hydrants.....									2,942 91
Repairs to fountains and troughs.....									1,214 32
Total transmission and distribution expenses.....									1885,420 24
<i>Commercial Expenses.</i>									
Collections, reading meters, etc.....									\$399,412 56
Promotion of business, salaries and expenses.....									14,585 56
Total commercial expenses.....									\$413,998 12

<sup>1</sup>Expenses of the San Joaquin and Kings River Canal and Irrigation Company aggregating \$64,715.23 not segregated to accounts.

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "A" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	San Joaquin Light and Power Corporation	East Bay Water Company	Fresno Canal and Land Corporation	Fresno City Water Corporation	Pacific Gas and Electric Company	The San Joaquin and Kings River Canal and Irrigation Company, Incorporated	San Jose Water Works	Southern California Edison Company	Spring Valley Water Company
<i>General and Miscellaneous.</i>									
Salaries of general officers.....	\$257 28	\$49,046 10	\$8,250 00	\$17,453 78	\$2,510 42	\$4,200 00	\$151 36	\$506 70	\$53,021 90
Salaries of general office clerks.....	683 00	11,078 35	2,450 00	5,058 98	5,994 96	2,480 00	4,838 70	851 61	16,204 91
Miscellaneous general office supplies and ex- penses.....	2 85	33,566 36	2,706 68	10,247 36	3,563 74	1,547 03	7,570 84	1,053 10	39,615 40
.....		17,102 22	3,632 55	800 50	844 04	11,666 99	1,203 47	114 60	31,166 73
.....		281 69	83 70		6 70			17 06	10,433 45
.....		768 82	766 45	746 78	2,306 80	106 27	536 65	264 12	4,358 39
.....		3,576 00		5 88	546 40			203 78	2,745 00
.....								8 28	
Insurance.....		5,602 33	5,788 10	922 33	1,320 79		1,936 47	127 54	46,149 43
Repairs to general structures.....	32 04	10,367 86	920 50	888 93	1,276 44		840 00	160 44	6,734 08
Repairs to general equipment.....	3 60	1,308 84			1,084 26		69 50	3 34	2,957 00
Undistributed adjustments—balance.....	270 00	697 99		148 51				77 68	267 61
Extraordinary repairs.....	43 80	12,647 87		167 11					2,006 70
Total general and miscellaneous ex- penses.....	\$1,774 97	\$145,042 43	\$34,006 90	\$37,206 94	\$30,276 58	\$19,080 20	\$10,847 29	\$3,452 14	\$215,969 66
Taxes.....	\$2,206 17	\$252,606 82	\$19,921 70	\$12,349 05	\$40,806 70	\$16,680 55	\$42,593 75	\$5,096 77	\$438,733 18
Total general amortization of capital.....	\$2,315 61	\$390,000 00		\$17,686 76	\$64,886 23	\$13,226 07	\$53,440 83		\$650,000 00

### OPERATING EXPENSES CLASS "A" WATER CORPORATIONS.

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<i>Recapitulation of Expenses.</i>	
Source of water supply expenses.....	\$25 24
Pumping expenses.....	4,862 33
Purification expenses.....	703 57
Transmission and distribution expenses.....	1,408 50
Commercial expenses.....	1,774 97
General and miscellaneous expenses.....	2,296 17
Taxes.....	2,213 61
General amortization of capital.....	
Total operating expenses.....	\$13,284 39
	\$25 24
	4,862 33
	703 57
	1,408 50
	1,774 97
	2,296 17
	2,213 61
	\$13,284 39
	\$1,268,630 55
	\$103,344 38
	\$208,046 13
	\$485,709 35
	\$114,582 14
	\$159,065 05
	\$36,718 45
	\$2,032,409 63

**1Credit item.**

**2Not segregated.**

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "A" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Sutter-Butte Canal Company	The Union Water Company of California	Western Water Company	Yolo Water and Power Company	Port Costa Water Company	Sweetwater Water Company	Midland Counties Public Service Corporation	Total
<i>General and Miscellaneous.</i>								
.....	\$9,300 00	\$6,339 70	\$6,856 57	\$18,777 50	\$7,180 00	\$7,224 92	\$97 97	\$189,618 89
.....	932 50	2,952 24	6,359 56	791 65	.....	2,816 08	207 98	84,233 53
and expenses.	4,002 52	1,535 26	4,861 96	2,712 03	2,376 15	1,292 38	2 60	116,926 89
.....	5,265 53	15,083 00	2,510 17	9,921 49	24,942 60	1,397 16	.....	125,540 04
.....	2,441 69	.....	.....	.....	817 20	328 63	.....	14,530 11
.....	28,499 08	.....	.....	76 25	.....	7 50	.....	28,437 16
.....	.....	.....	.....	.....	618 75	.....	.....	7,896 81
.....	.....	.....	.....	.....	.....	.....	.....	8 26
.....	974 58	215 80	1,044 00	4,541 18	.....	725 22	.....	69,224 81
.....	2,551 63	183 06	2,723 46	701 21	719 87	832 43	28 17	28,938 62
.....	.....	.....	23 98	.....	.....	6 40	.....	6,366 87
.....	.....	.....	4,068 76	.....	1,576 03	392 69	.....	7,499 44
.....	.....	.....	.....	.....	.....	.....	.....	14,932 66
.....	3,000 00	.....	.....	.....	.....	19 08	.....	3,019 08
Total general and miscellaneous expenses.....	\$57,137 53	\$38,276 16	\$38,316 23	\$37,823 41	\$38,109 10	\$18,042 49	\$304 72	\$689,959 10
Taxes.....	\$14,893 20	\$4,722 93	\$39,991 46	\$6,330 41	\$4,238 40	\$12,635 60	\$391 41	\$1,116,967 12
.....	.....	.....	\$2,091 66	.....	.....	.....	.....	\$2,091 66
.....	.....	.....	3,277 65	.....	.....	.....	.....	3,277 65
.....	9738 00	\$2,700 00	16,704 15	.....	.....	.....	.....	26,672 36
system	13,477 38	4,800 00	28,061 63	.....	.....	.....	\$116 19	60,439 83
.....	1,189 44	60 00	3,222 71	\$1,229 78	.....	.....	551 57	6,108 55
.....	.....	.....	.....	.....	.....	.....	171 87	.....
Total general amortization of capital.....	\$15,404 77	\$7,620 00	\$43,457 70	\$1,329 78	\$6,806 07	\$21,045 26	\$839 38	\$917,154 59

<i>Recapitulation of Expenses.</i>									
Source of water supply expenses.....					\$3,043 21	\$3,402 76	\$2,182 87	\$5 50	\$159,928 51
Pumping expenses.....					3,626 32	28,318 04		1,860 70	1,313,284 38
Purification expenses.....	\$25,296 65					368 92		64 74	44,034 97
Transmission and distribution expenses.....						8,362 20		687 71	885,420 24
Commercial expenses.....	69,728 69			38,729 07	5,893 55	4,756 99		1,001 68	413,998 12
General and miscellaneous expenses.....	2,576 79			3,608 06		38,100 10		304 72	686,959 19
Taxes.....	57,137 53			28,318 22	37,522 41	4,238 40		291 41	1,118,957 12
General amortization of capital.....	14,893 25			29,991 46	6,230 41	8,606 07		839 33	617,154 50
	15,404 77			53,457 70	1,229 78				
Total operating expenses.....	\$185,037 68	\$93,479 81	\$306,765 84		\$57,545 68	\$96,152 48	\$73,919 68	\$5,055 79	\$5,239,737 03

<sup>1</sup>Not segregated.  
<sup>2</sup>Various utilities do not segregate depreciation to accounts—amount aggregating. \$518,503.55

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "B" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	August Oil Company	Bakersfield Water Works	Bear Gulch Water Company	Belvedere Water Company	Benicia Water Company	The Central Canal Company	Chico Water Supply Company	City Water Company of Ocean Park
<i>Source of Water Supply.</i>								
Operating labor and expenses	\$1,024 98		\$166 03	\$39 35	\$625 56	\$886 00		
Water purchased for resale	2,153 36					1,857 80		
Repairs to water supply buildings and fixtures					230 92			
Repairs to source of supply	757 12		33 16	31 50	90,849 00			
<i>Source of water supply expenses.</i>	\$3,935 46		\$199 19	\$70 85	\$91,705 48	\$2,444 20		
<i>Pumping Expenses.</i>								
Pumping labor	\$10,489 23	\$3,750 00	80 37	\$3,033 34	\$2,806 46		\$4,587 20	\$2,361 16
Fuel and power purchased	12,370 05	10,535 30		8,675 64	2,978 93		12,048 57	8,245 87
Pumping station supplies and expenses	1,531 14	452 88		417 78	248 52		644 39	2,194 57
Repairs to pumping station equipment	2,490 68	249 03	21	527 67	1,118 02		205 80	5,049 70
Repairs to pumping station buildings, fixtures and grounds	34 92		87 88	43 80	132 98			34 40
Total pumping expenses	\$28,915 02	\$14,987 21	\$88 44	\$12,768 03	\$7,282 50		\$17,485 96	\$17,885 40
<i>Purification Expenses.</i>								
Total purification expenses			\$597 98	\$106 37	\$1,034 11			
<i>Transmission and Distribution Expenses.</i>								
Operating labor and expenses			\$695 16	\$693 29	\$1,380 46	\$14,598 17	\$2,895 91	\$3,963 82
Repairs to transmission and distribution system	3,204 11	802 26	574 06		944 24	18,843 30		1,001 24
Repairs to services	411 11	461 99	229 51	2,810 40	59 57	3,472 39		293 78
Total transmission and distribution expenses	\$3,774 98	\$1,420 28	\$1,498 52	\$3,503 69	\$2,384 27	\$31,913 85	\$2,895 91	\$5,258 94
<i>Commercial Expenses.</i>								
Collection and promotion of business expenses	\$1,806 92	\$1,376 00	\$1,697 26	\$2,096 91	\$1,270 44			\$3,970 48

expenses	\$2,900 46	\$2,887 01	\$5,315 23	\$4,040 89	\$7,067 27	\$360 00	\$3,565 00	\$1,000 00
.....	.....	1,109 30	51 32	.....	637 26	.....	.....	.....
.....	.....	.....	.....	577 24	930 70	.....	368 50	.....
.....	.....	.....	.....	.....	.....	26 50	.....	.....
.....	.....	420 27	1 00	.....	290 70	12,707 81	2,068 93	4,628 10
.....	535 33	261 96	9 94	223 06	368 48	.....	807 49	135 47
.....	22 80	559 50	264 27	46 53	8 53	380 00	.....	.....
.....	.....	.....	.....	9100 86	.....	.....	391 48	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....
Total general expenses	\$2,948 29	\$5,208 09	\$5,631 87	\$4,787 26	\$9,961 73	\$14,354 97	\$7,541 40	\$9,554 87
Taxes	.....	.....	.....	.....	.....	.....	.....	.....
General Amortization of Capital.	.....	.....	.....	.....	.....	.....	.....	.....
Depreciation, etc	\$242 40	\$3,517 49	\$5,106 88	\$2,925 71	\$2,292 50	\$8,388 67	\$9,251 91	\$2,750 83
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	\$16,789 25	\$2,997 98	\$4,170 80	\$5,440 26	\$7,898 15	.....	.....	\$5,940 00
.....	.....	.....	.....	.....	.....	.....	.....	.....
Recapitulation of Expenses.	.....	.....	.....	.....	.....	.....	.....	.....
Source of water supply expenses	.....	.....	.....	.....	.....	.....	.....	.....
Pumping expenses	\$3,935 46	\$14,987 21	\$190 19	\$70 85	\$91,705 45	\$2,444 20	\$17,485 96	\$17,895 40
Purification expenses	26,916 02	.....	38 46	12,768 03	7,292 50	.....	.....	.....
Transmission and distribution expenses.	.....	.....	605 23	106 37	1,054 00	.....	.....	.....
Commercial expenses	5,574 96	1,420 28	1,498 92	2,096 09	2,394 27	31,913 86	2,893 81	5,258 94
General expenses	1,368 92	1,375 00	1,697 26	2,096 91	1,370 44	14,354 97	7,541 40	3,970 48
Taxes	3,348 20	5,208 09	5,631 87	4,787 26	9,961 73	8,388 67	3,251 91	9,554 87
General amortization of capital	242 40	3,517 49	5,106 88	2,925 71	2,292 50	.....	.....	2,750 83
.....	16,789 33	2,997 98	4,170 80	5,440 26	7,898 15	.....	.....	5,940 00
Total operating expenses	\$58,173 49	\$29,406 05	\$18,997 50	\$31,699 18	\$122,939 07	\$67,101 70	\$31,175 18	\$45,000 22

<sup>1</sup>From May 16, 1920. Property purchased from Bakersfield Water Company

<sup>a</sup>Includes charge of \$90,770.67 emergency water supply.

\*Credit item.



TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "B" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Coalinga Consolidated Water Company	Consolidated Canal Company	Consolidated Water Company of Pomona	Coronado Water Company	The Electric Water Company	Hanford Water Company	Ingleswood Water Company	Imperial Utilities Corporation
<i>Source of Water Supply.</i>								
Operating labor and expenses.....				\$199 09				\$923 53
Water purchased for resale.....				21,238 85			\$12,103 02	523 02
Repairs to water supply buildings and fixtures.....				7 73				12 54
Repairs to source of supply.....	\$365 90		\$3,178 93		\$686 20	\$38 90		211 87
Source of water supply expenses.....	\$365 90		\$3,178 93	\$21,446 07	\$686 20	\$38 90	\$12,103 02	\$1,671 56
<i>Pumping Expenses.</i>								
Pumping labor.....	\$1,480 00		\$3,214 38	\$1,596 07	\$4,545 90	\$1,205 64		\$2,984 26
Fuel and power purchased.....	1,907 86		9,405 96	5,020 80	20,191 88	6,371 81		13,415 79
Pumping station supplies and expenses.....	688 05		320 70	113 07	631 14	90 21		310 48
Repairs to pumping station equipment.....	1,181 80		3,213 12	102 38	1,014 17	1,649 18		2,045 04
Repairs to pumping station buildings, fixtures and grounds.....					61 16	71 80		165 43
Total pumping expenses.....	\$3,157 21		\$16,154 16	\$6,822 32	\$26,414 25	\$9,048 61		\$18,921 00
<i>Expenses.</i>								
Expenses.....								\$331 51
and structures.....								6 59
Total purification expenses.....								\$338 09
<i>Transmission and Distribution Expenses.</i>								
Operating labor and expenses.....	\$1,479 94	\$12,095 30	\$3,410 80	\$3,499 80	\$2,408 73	\$478 09	\$1,465 83	\$4,763 52
Repairs to transmission and distribution system.....	726 88	32,043 49	906 53	2,716 00	937 43	2,384 00	473 72	2,098 53
Repairs to services.....				661 12	1,396 89	1,996 50	168 00	66 76
Total transmission and distribution expenses.....	\$2,206 82	\$45,759 79	\$4,316 13	\$6,865 72	\$4,743 10	\$4,858 59	\$2,107 55	\$6,916 81
<i>Commercial Expenses.</i>								
Collection and promotion of business expenses.....	\$87 95		\$4,094 35	\$1,467 28	\$3,945 23	\$1,495 10	\$871 25	\$2,883 27

Insurance	\$3,348 47	\$10,353 99	\$14,004 77	\$960 00	\$4,830 00	\$5,443 87	\$6,512 54	\$7,053 83
Repairs of general structures and equipment	40 00	61 00	2,891 00	15 00	100 00	582 75	87 70	319 31
Extraordinary repairs, etc	86 18	2,547 59	3,020 53	4,039 45	5,934 00	1,364 08	6 48	1,319 97
	10 57		261 70	263 17	110 00	834 45	852 78	96 94
			1,796 98	755 59			316 30	226 08
							21 06	
							191 44	
Total general expenses	\$3,405 19	\$10,859 59	\$26,065 08	\$6,054 23	\$12,253 04	\$8,294 15	\$7,705 39	\$9,545 73
Taxes	\$239 90	\$4,042 00	\$3,026 80	\$3,011 97	\$2,211 24	\$4,380 16	\$4,200 00	\$2,003 49
Depreciation, etc	\$7,070 88		\$11,407 64	\$13,170 31	\$11,834 40	\$8,579 97	\$6,500 40	\$4,931 28
Recapitulation of Expenses.								
Source of water supply expenses	\$355 90		\$3,178 93	\$21,445 07	\$935 29	\$35 90	\$12,103 02	\$1,571 54
Pumping expenses	5,157 21		16,184 16	6,323 83	26,414 25	9,949 01		18,921 00
Purification expenses	2,206 83	\$45,750 79	4,316 13	6,966 73	4,743 10	4,538 56	2,107 35	329 09
Transmission and distribution expenses	87 95		4,024 35	1,457 26	3,948 23	1,495 10	971 85	2,088 27
Commercial expenses	3,435 19	16,859 59	26,665 08	6,034 23	12,253 04	8,294 15	7,705 39	9,545 73
General expenses	239 95	4,663 00	6,026 80	3,011 97	9,211 24	4,380 16	4,200 00	2,003 49
Taxes	7,070 88		11,407 64	13,170 31	11,834 40	8,579 97	6,500 40	4,931 28
General amortization of capital								
Total operating expenses	\$18,003 91	\$67,281 98	\$71,803 18	\$53,838 47	\$68,780 64	\$35,354 48	\$33,577 80	\$47,606 82

\*Credit item.

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "B" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Kern Island Irrigating Canal Company	Lake Henest Water Company	The Marysville Water Company	The Monterey County Water Works	Napa City Water Company	Natoma Water Company	Northern Oil Company	North Fork Ditch Company
<i>Source of Water Supply.</i>								
Operating labor and expenses.....	\$3,907 26			\$887 63	\$4,399 75			\$18 00
Water purchased for resale.....								
Repairs to water supply buildings and fixtures.....	1,060 80			1,394 13	6 44	\$960 48		
Repairs to source of supply.....	\$4,948 08			\$2,361 75	\$4,406 19	\$980 46		\$18 00
<i>Source of water supply expenses.....</i>								
<i>Pumping Expenses.</i>								
Pumping labor.....			\$4,556 50		\$3 50		\$10,084 63	
Fuel and power purchased.....			4,033 59	\$1,041 83	7,120 73		8,381 72	
Pumping station supplies and expenses.....			1,666 63	324 70	304 83		3,395 03	
Repairs to pumping station equipment.....		\$276 37		796 49	196 11			
Repairs to pumping station buildings, fixtures and grounds.....		12 00	466 87	3 68	257 93			
<i>Total pumping expenses.....</i>		\$388 37	\$11,822 54	\$5,066 70	\$8,672 14		\$22,061 43	
				\$707 06		\$462 64		\$26 10
						36 38		
<i>Total purification expenses.....</i>				\$707 06		\$400 02		\$36 10
<i>Expenses.</i>								
.....	\$12,834 06	\$5,274 51	\$783 27	\$1,674 31	\$3,578 97	\$2,406 87	\$2,592 77	\$5,780 19
.....	7,417 80	4,233 88		1,359 30	199 55	10,133 01	3,282 17	4,444 72
.....	1,068 04	21 14	1,301 76	1,046 74	746 68			14 00
<i>Total transmission and distribution expenses.....</i>	\$21,345 71	\$9,529 51	\$2,084 03	\$4,079 44	\$5,525 20	\$12,531 88	\$5,854 94	\$10,235 91
<i>Commercial Expenses.</i>								
Collection and promotion of business expenses.....		\$414 40	\$3,419 16	\$5,634 32	\$396 86	\$887 21		\$75 00

**OPERATING EXPENSES CLASS "B" WATER CORPORATIONS.**

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Expenses.....	\$180 00	\$8,728 79	\$2,381 75	\$14,799 53	\$5,895 14	\$1,449 37	\$9,351 76	\$2,931 51
.....	.....	3,420 51	.....	68 00	.....	.....	.....	.....
.....	.....	25 65	591 88	31 29	.....	557 54	.....	573 56
.....	50 00	484 33	.....	.....	.....	.....	.....	1,019 48
.....	13,001 08	669 76	1,636 01	.....	12 76	6 00	2,533 41	.....
.....	.....	788 12	1,088 08	1,437 53	362 85	326 00	602 69	297 45
.....	263 33	2,026 93	12 90	1,381 89	372 11	.....	.....	1,054 43
.....	.....	1,049 63	.....	.....	.....	.....	.....	131 94
Total general expenses.....	\$14,064 36	\$18,742 83	\$6,810 63	\$17,556 54	\$6,662 86	\$2,449 51	\$9,368 06	\$8,806 97
Taxes.....	.....	.....	.....	.....	.....	.....	.....	.....
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TABLE NO. 4—Continued.

ABSTRACT OF OPERATING EXPENSES CLASS "B" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Oak Park Water Company	Peninsula Water Company	Petaluma Power and Water Company	Roseville Water Company	Redondo Water Company	San Gabriel Valley Water Company	South San Francisco Water Company	Visalia City Water Company
<i>Source of Water Supply.</i>								
Operating labor and expenses.....				\$3,180 00	\$115 00	\$355 00		
Water purchased for resale.....				4,318 60		422 80		
Repairs to water supply buildings and fixtures.....			\$1,280 41			47 56	\$127 59	
Repairs to source of supply.....			358 12					
Source of water supply expenses.....			\$1,638 53	\$7,498 60	\$115 00	\$825 36	\$127 59	
<i>Pumping Expenses.</i>								
Pumping labor.....	\$3,385 35	\$1,595 50	\$4,717 83		\$1,355 00	\$3,126 00	\$4,790 82	\$1,362 00
Fuel and power purchased.....	13,331 36	1,291 32	1,162 71	1,128 00	3,016 91	8,929 39	20,539 36	6,741 97
Pumping station supplies and expenses.....	634 97	1,178 81			63 14	269 93	197 38	86 76
Repairs to pumping station equipment.....	26 09	566 25			278 22	1,680 61	561 78	566 28
Repairs to pumping station buildings, fixtures and grounds.....					19 38	674 14	22 81	12 51
Total pumping expenses.....	\$17,377 77	\$4,631 88	\$5,880 54	\$1,128 00	\$4,732 65	\$14,680 07	\$26,112 15	\$8,769 52
<i>Purification Expenses.</i>								
Purification labor, supplies and expenses.....								
Repairs to purification plant and structures.....			\$9,263 84					
Total purification expenses.....			\$9,263 84					
<i>Transmission and Distribution Expenses.</i>								
Operating labor and expenses.....		\$1,422 26	\$1,066 59		\$2,046 31	\$1,573 45	\$1,599 36	\$836 61
Repairs to transmission and distribution system.....	\$5,778 45	213 66	1,874 63		1,016 71	582 26	963 69	656 53
Repairs to services.....		1,781 56	1,909 79		208 10	367 06	181 20	1 00
Total transmission and distribution expenses.....	\$5,778 45	\$3,417 48	\$4,851 01		\$3,270 12	\$2,522 76	\$2,734 25	\$1,494 14
<i>Commercial Expenses.</i>								
Collection and promotion of business expenses.....	\$4,217 29	\$1,432 72	\$265 93	\$1,200 00	\$1,159 61	\$410 48	\$118 95	\$2,265 35



TABLE NO. 4—Continued.

ABSTRACT OF OPERATING EXPENSES CLASS "B" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.									
	Watsonville Water and Light Company	Whittier Water Company	Bakersfield Water Company <sup>1</sup>	El Dorado Water Company	California Oregon Power Company <sup>1</sup>	Cuyamaca Water Company	South Los Angeles Land and Water Company	Hermosa Beach Water Corporation	Total
Operating water .....	\$155 23	\$1,044 10	.....	\$18 27 12,101 16	\$38 79	\$355 00	.....	.....	\$12,406 71 59,363 84
Repairs to water supply buildings and fix- tures .....	420 56	336 41	.....	9 83	36 60	218 40 103 35	\$4 40	.....	1,156 50 101,070 81
Repairs to source of supply .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Source of water supply expenses ..	\$535 79	\$1,379 51	.....	\$12,120 26	\$124 79	\$676 75	\$4 40	.....	\$175,806 86
<i>Pumping Expenses.</i>									
Pumping labor .....	\$445 16	\$11,260 32	\$2,250 00	.....	\$4,500 24	\$240 75	\$3,873 50	\$1,009 06	\$100,718 20
Fuel and power purchased .....	2,006 40	14,922 40	2,907 11	.....	5,822 03	469 06	11,766 09	.....	229,969 64
Pumping station supplies and expenses ..	43 90	2,374 50	192 67	.....	219 14	65 00	1,256 25	6,679 35	26,652 90
Repairs to pumping station equipment ..	2 85	5,559 01	69 13	.....	356 27	147 84	753 13	138 53	32,013 01
Repairs to pumping station buildings, fix- tures and grounds .....	6 20	237 30	.....	.....	100 76	289 61	21 04	2 80	2,949 06
Total pumping expenses .....	\$3,104 54	\$35,433 53	\$4,418 91	.....	\$11,008 44	\$1,212 28	\$17,639 ■	\$3,029 55	\$362,302 80
Total purification expenses .....	\$855 70 167 53	.....	.....	.....	.....	\$249 15	.....	\$0 35	\$4,370 97 9,491 45
<i>Transmission Expenses.</i>									
..... and distribution .....	\$1,023 23	.....	.....	.....	.....	\$249 15	.....	\$0 35	\$13,802 42
Total transmission and distribution ex- penses .....	\$823 19	\$11,906 26	\$21 81	\$3,963 05	\$3,633 69	\$3,732 19	\$2,423 00	\$383 84	\$126,693 61
<i>Commercial Expenses.</i>									
Collection and promotion of business ex- penses .....	1,007 83 576 46	7,873 79	127 17 113 61	2,511 84	4,264 26 283 29	20,750 24 531 45	2,416 36	1,364 45 5 74	154,169 31 21,899 63
Total transmission and distribution ex- penses .....	\$2,407 48	\$19,045 07	\$222 59	\$6,504 89	\$8,281 36	\$34,013 79	\$4,839 36	\$1,744 01	\$302,762 75
Collection and promotion of business ex- penses .....	\$1,306 42	\$1,963 80	\$673 20	\$101 91	\$2,254 96	\$4,977 16	\$1,732 00	\$359 23	\$63,312 73

<i>General Expenses</i>									
<i>General officers and clerks salaries and expenses</i>									
Law expenses—general	\$8,188 41	\$11,223 71	\$1,476 82	\$2,654 74	\$8,751 31	\$12,771 02	\$10,122 62	\$5,068 61	\$316,008 30
	.....	3,000 00	7 25	708 00	2,024 51	906 75	690 70	5 00	20,833 96
	.....	711 20	.....	35 00	.....	3,447 96	.....	.....	16,005 01
	.....	.....	.....	.....	.....	923 10	.....	100 00	2,383 41
	7 00	716 71	140 95	262 60	2,941 83	3,348 32	945 35	2,091 74	68,967 54
	201 31	2,076 63	207 26	220 78	2,485 50	1,559 55	956 17	47 19	18,597 34
Equipment	41 56	1,066 00	618 06	5 05	.....	193 12	1,265 48	.....	12,031 27
	.....	.....	.....	600 00	.....	.....	.....	.....	7,688 79
Total general expenses	\$8,409 28	\$18,794 24	\$2,450 94	\$4,476 17	\$16,203 14	\$22,776 82	\$13,960 82	\$7,912 54	\$362,189 51
<i>Taxes</i>									
Taxes	\$6,632 86	\$6,828 55	\$344 43	\$470 64	\$5,954 65	\$4,745 41	\$2,961 70	\$1,071 03	\$163,942 23
<i>General Amortization of Capital</i>									
Depreciation, etc	\$2,437 08	\$20,984 97	\$2,594 25	\$1,200 00	\$8,375 03	\$43,520 00	\$4,453 08	\$4,254 79	\$289,764 62
<i>Recapitulation of Expenses</i>									
Source of water supply expenses	\$585 79	\$1,379 51	.....	\$12,129 20	\$124 79	\$676 75	\$4 40	.....	\$175,606 66
Pumping expenses	8,104 54	35,453 53	\$4,418 91	.....	11,008 44	1,212 26	17,639 08	.....	392,302 80
Purification expenses	1,023 23	.....	.....	.....	.....	249 16	.....	89,029 55	13,862 42
Transmission and distribution expenses	2,497 45	19,045 07	383 59	6,504 80	8,281 36	34,013 79	4,830 26	1 744 01	302,172 98
Commercial expenses	1,395 42	1,962 30	675 20	101 91	3,254 98	4,977 16	1,732 00	859 22	63,313 73
General expenses	8,409 28	18,794 24	2,450 94	4,476 17	16,203 14	22,776 82	13,960 82	7,912 54	362,189 51
Taxes	6,632 86	6,828 55	344 43	470 64	5,954 65	4,745 41	2,961 70	1,071 03	163,942 23
General amortization of capital	2,437 08	20,984 97	2,594 25	1,200 00	8,375 03	43,520 00	4,453 08	4,254 79	289,764 62
Total operating expenses	\$25,075 68	\$110,428 17	\$12,766 33	\$24,882 87	\$52,202 39	\$112,172 36	\$47,809 92	\$23,571 49	\$1,763,172 92

<sup>1</sup>Sold to Bakersfield Water Works, May 15, 1926.

<sup>2</sup>Includes Oregon expenses.



TABLE NO. 4--Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1930.

	The Anderson Canal Company	Anderson Water Company	Antelope Creek and Red Bluff Water Company	Artesian Water Company	Associated Water Company	Bay Point Utilities Company	Beaumont Land and Water Company	Bell Water Company
General expenses ..	\$507 46	\$1,002 15	\$4,000 98	\$2,246 17	\$14,317 73	\$3,706 80	\$10,580 87	\$1,742 07
Taxes ..	675 90	..	2,193 64	2,841 41	9,351 76	1,143 96	534 01	..
Depreciation, etc ..	1,308 91	..	1,502 49	..	1,889 56	922 32	569 94	903 07
	2,000 78	1,977 55	3,217 22	296 00	307 89	1,259 10	4,693 43	2,620 00
	357 15	242 10	3,900 00	..	2,443 72	145 07	1,329 17	331 03
	..	..	..	..	..	2,913 78	4,359 61	2,082 47
Total operating expenses ..	\$4,759 20	\$3,221 80	\$18,062 92	\$5,362 58	\$31,446 90	\$10,211 12	\$26,694 06	\$7,906 10

	Beverly Hills Utilities Company	The Buena Vista Canal Company	The Campbell Water Company	Centerville Water Company	Citizens Land and Water Company of Upland	Citizens Water Company of Niles	Citizens Water Company of San Jacinto	City Water Company of Banning
General expenses ..	\$10,100 39	\$300 26	\$2,077 69	\$325 73	\$2,306 12	\$2,820 57	\$1,443 89	\$1,380 00
Taxes ..	1,267 21	955 76	434 81	213 89	905 19	..	3,725 85	333 50
Depreciation, etc ..	1,581 06	356 67	965 72	..	1,166 11	335 92	769 75	811 06
	135 17	..	1,267 61	2,221 51	206 80	1,267 02	15 00	161 00
	1,952 79	1,430 53	132 30	157 62	3,079 86	102 70	4,843 01	2,719 06
	1,952 25	1,074 63	841 29	1,128 09	571 34	1,363 50	999 00	73 82
	4,493 97	..	..	..	1,720 00	..	3,694 86	608 83
Total operating expenses ..	\$21,492 83	\$4,116 85	\$10,022 62	\$4,846 84	\$9,965 44	\$5,949 80	\$20,263 42	\$7,177 24

TABLE NO. 4—Continued.

ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Claremont Domestic Water Company	Compton Water and Lighting Company	Coneland Water Company	Conservative Water Company	Corona City Water Company	Cottonwood Irrigation and Mining Company	The Cove Water Company	Crown Water Company
General expenses	\$213 15	\$1,155 76	\$7,081 51	\$2,246 35	\$7,500 00		\$520 17	\$920 24
Taxes	4,710 44		15,084 28	1,500 15	1,511 45	2917 96		39 06
Depreciation, etc	224 15	431 63		520 13	959 60			829 36
	1,071 79	881 50		1,078 79	1,067 60	20 00	18 13	38 26
	2,496 25	361 83	1,065 60	9,525 07	3,813 01	56 20		100 00
	1,102 27	1,532 89		791 22	805 80			
	1,929 95			3,522 14	2,400 00			
Total operating expenses	\$11,748 00	\$4,363 60	\$23,151 39	\$19,273 85	\$18,057 47	\$904 18	\$538 30	\$1,956 92

	Crystal Springs Water Company	Davis Water Company	Delmar Water, Light and Power Company	Diamond Ridge Water Company	East Gardena Water Company	East Herrington Water Company	The East Side Canal Company	East Side Canal and Irrigation Company
General expenses	\$1,622 99	\$781 69	\$13,174 78		\$3,777 51	\$1,102 00	\$4,500 00	\$2,363 93
Taxes	822 79	75 15	2,756 94				1,928 29	511 23
Depreciation, etc			894 27	\$2,076 17	26 55		5,301 12	2,024 43
		75 37		1,338 08		1,048 92		3,441 18
		39 09	627 26	1,293 29	381 76	68 36	4,475 23	5,453 36
	206 62	1,326 78	381 90	716 70	171 40		2,301 27	501 31
	447 57	305 51	7,604 00					1,509 84
	125 00	300 00		\$5,424 24	\$4,360 22	\$2,217 22	\$18,515 91	\$15,805 26
Total operating expenses	\$3,224 97	\$2,912 49	\$25,429 15					

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	El Segundo Water Company	El Modena Domestic Water Company	Escaalon Water and Light Company	Etna Development Company	Euclid Avenue Water Company	Excelsior Water and Mining Company	Fairmount Water Company	Fairview Land and Water Company
Taxes.....	\$79 20	\$323 26	.....	\$918 35	.....	\$1,080 00	\$9,349 35	.....
Depreciation, etc .....	2,690 42	.....	\$960 64	000 00	\$2,543 73	60 77	.....	.....
	627 16	248 30	.....	.....	47 59	5,214 17	.....	\$1,647 20
.....	1,941 90	208 28	.....	.....	.....	5,042 64	2,102 18	518 43
.....	483 80	39 53	144 20	588 69	289 53	10,870 07	6,293 36	3,230 73
.....	2,806 52	1,143 76	300 10	874 24	562 88	3,864 42	298 58	1,460 93
.....	870 77	22 00	155 46	.....	.....	3,691 00	2,648 78	1,333 64
.....	3,438 07	160 00	1,000 00	.....	.....	.....	.....	.....
Total operating expenses.....	\$12,939 63	\$2,226 12	\$2,560 40	\$2,783 48	\$3,413 72	\$34,723 07	\$20,690 23	\$3,069 93

	Fall River Mills Water Company	The Farmers Canal Company	Farmers Irrigation Company	Ray Water Company	Felton Water Company	Foothill Ditch Company	Forest Grove Water Company	Fortuna Water Company
Taxes.....	\$304 93	\$679 13	\$904 26	\$1,469 80	\$278 40	\$1,143 35	\$491 68	\$1,066 17
Depreciation, etc .....	.....	.....	.....	.....	.....	.....	49 02	.....
	160 16	2,267 71	2,293 29	735 60	.....	2,334 01	.....	.....
.....	.....	2,141 99	1,177 37	20 34	400 88	5,170 90	.....	302 60
.....	336 26	2,045 46	1,724 98	695 57	.....	.....	.....	363 86
.....	31 66	523 09	1,450 56	377 18	20 00	1,247 84	.....	182 38
.....	.....	.....	3,529 84	453 36	60 70	854 19	2,325 26	779 64
Total operating expenses.....	\$713 90	\$7,667 37	\$11,170 37	\$3,672 15	\$760 98	\$10,165 29	\$2,765 94	\$3,464 17

TABLE NO. 4—Continued.  
 ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Francis Land and Water Company	Frederick Water Company	Garden Grove City Water Company	The Gates Canal Company	Glendale Consolidated Water Company	The Goose Lake Canal Company	Haiam Canyon Water Company	Hawthorne Electric and Water Company
General expenses	\$927 86	\$413 85	\$390 57		\$417 61		\$960 42	\$1,100 27
Taxes					1,898 74		5,098 80	
Depreciation, etc.	952 59	100 59			12 70		178 86	
	49 84	50 36	11 50		924 30		1,873 51	1,973 85
	1,550 00	60 00	19 42		545 00		962 10	154 37
	971 07	245 37	72 16		25 00		325 94	
	1,000 00		500 00		94 42		6,553 60	2,883 14
					1,760 00		436 67	564 37
Total operating expenses	\$6,461 10	\$670 20	\$1,499 96	\$67 50	\$5,367 77	\$129 02	\$19,126 54	\$9,600 00

	Hemet Town Water Company	Hesperia Water Company	Highland Domestic Water Company	Hillsborough Water Company	The Hollister Water Company	Home Trust Water Company	Hornbrook Water Company	Huntington Beach Water Company
Taxes	\$2,400 49			\$1,504 47		\$189 87	\$237 00	\$3 01
Depreciation, etc.		\$72 37	\$1,365 13	983 59	\$800 30	792 57	717 89	4,208 86
		4 39			1,744 91	12 95	77 26	955 83
	210 86	228 77	128 92		1,203 10	24 97	13 15	1,645 90
	794 90		575 13		1,848 47	44 76	60 00	328 75
	318 50		976 38		1,120 83	269 06	15 50	3,732 71
	2,104 36	999 91	203 93	1,901 29	1,775 87	36 08	90 89	1,593 69
	390 70	29 00	704 97	162 47	4,948 00		309 85	4,137 06
Total operating expenses	\$6,705 36	\$1,334 43	\$4,004 46	\$4,836 66	\$13,500 49	\$1,870 28	\$1,511 54	\$10,045 94

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Independence Water Company	Investment Water Company	The James Canal Company	The James and Dixon Canal Company	The Joyce Canal Company	Kennett Water Company	Kerman Water Company	Kern River Canal and Irrigating Company
.....	\$741 84	\$2,359 19	\$393 46	.....	.....	\$1,184 74	\$15,766 00	\$1,619 25
.....	.....	1,811 14	513 32	.....	.....	945 29	376 84	.....
.....	.....	11 70	57 96	.....	.....	23 72	5,973 36	3,457 32
.....	406 00	240 00	.....	.....	.....	72 61	2,952 75	10,495 88
.....	8 55	76 00	1,335 88	.....	.....	289 64	1,043 47	3,141 87
.....	95 00	379 20	1,452 21	.....	.....	859 41	34 22	1,150 37
.....	.....	732 80	.....	.....	.....	1,673 46	.....	.....
Total operating expenses .....	\$1,930 39	\$5,110 03	\$3,752 52	\$255 88	\$109 30	\$8,643 65	\$26,147 23	\$19,864 60

	Kings County Canal Company	Kings River and Fresno Canal Company	Laguna Blanca Water Company	Lawndale Land and Water Company	The Lerdo Canal Company	Lone Oak Canal Company	Los Altos Water Company	Los Angeles County Water Works Company
.....	\$1,746 79	\$3,294 40	.....	\$1,367 18	\$2,614 32	\$3,937 00	\$3,067 21	\$5,083 63
.....	.....	.....	.....	211 50	.....	.....	2 00	270 43
.....	.....	.....	\$3,234 99	.....	305 24	1,840 00	1,021 57	377 00
.....	.....	.....	.....	714 06	472 46	.....	.....	797 97
.....	.....	.....	.....	328 13	.....	.....	682 70	3,282 27
.....	810 24	180 50	134 30	1,828 78	1,292 71	.....	164 40	800 00
.....	386 00	34 00	326 54	761 86	695 16	.....	2,199 91	5,729 29
.....	3 56	.....	.....	1,865 52	.....	.....	.....	.....
Total operating expenses .....	\$2,945 59	\$2,508 90	\$3,666 53	\$6,867 03	\$5,379 90	\$5,777 00	\$7,137 79	\$17,199 59

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Lucerne Water Company	Madera Canal and Irrigation Company	Madera Electric Water Company	Manteca Water Works	Mentone Water Company	Mokelumne River Power and Water Company	Montebello Land and Water Company	Montecito Valley Water Company
Expense source of water supply	\$11,874 77	\$140 00 331 14	\$223 24	\$2,716 82		\$5,100 00	\$16,173 61	
General expenses		1,451 01 1,791 48	2 25 15 48	85 41 450 00	\$300 00 46 03	1,445 60 3,106 21	1,780 12 636 07	\$886 75 214 70
Taxes		2,978 38 2,150 25	123 92 225 59	8,123 16 545 34	75 28 405 55	1,719 20		88 00
Depreciation, etc			393 95	850 00				
Total operating expenses	\$11,874 77	\$9,843 26	\$994 53	\$7,770 73	\$826 85	\$11,371 01	\$16,809 80	\$1,189 46

	Monterey County Water Company	Moore Park Farmers Water Company <sup>1</sup>	Moore Park Water, Light and Power Company	Mountain Light and Water Company <sup>2</sup>	Mountain Power Company	Mountain Water Company	Murphy Water, Ice and Light Company	Newman Water Works Company
Expense source of water supply			\$462 51	\$206 41	\$1,726 96	\$1,331 98 2,270 55	\$5,078 39 614 90 923 49 1,784 92	\$3,276 24 277 43
General expenses	\$3,632 44		535 02	25 08	1,274 35		142 10	480 00
Taxes	702 80		121 50	31 08	1,856 28		3,392 65	1,906 77
Depreciation, etc	165 02		814 31	21 80	139 46	195 88	1,454 00	729 91
Total operating expenses	\$4,500 26		\$2,185 75	\$273 65	\$5,997 05	\$3,788 41	\$16,150 45	\$6,907 80

<sup>1</sup>Not operating.  
<sup>2</sup>Sold to Santa Cruz County Utilities, May 1, 1920.

TABLE NO. 4—Continued.

ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Northern Water and Power Company	North Moneta Garden Lands Water Company	North Sacramento Light and Water Company	Ocean View Land and Water Company	Orange Home Water Company <sup>1</sup>	Palm Valley Water Company	Pamona, Consolidated Water Company	Patterson City Water Company
	\$8,713 64	\$1,466 18	\$1,347 14	\$1,740 43		\$5,093 38	\$2,766 99	\$1,124 05
"	"	"	"	"	"	"	401 64	"
"	"	"	"	"	"	"	582 98	"
"	"	484 78	91 50	40 20	"	"	756 07	89
"	"	105 10	136 75	37 68	"	"	"	53 65
"	"	1,503 78	1,250 00	33 15	"	"	"	45 00
"	"	148 02	383 00	711 01	"	1,780 00	4,996 94	373 10
"	"	4,210 80	1,000 00	347 19	"	200 85	1,500 00	6 00
"	"	"	"	3,614 60	"	"	7,806 48	"
Total operating expenses.....	\$14,285 24	\$7,918 40	\$4,208 39	\$6,574 36	"	\$7,074 23	\$25,611 10-	\$1,602 19

!Report not received in time to include figures in this report.

	Peoples Water Company of Palms	The Pioneer Canal Company	Placerville Water Works	The Plumbett Canal Company	Portola Water Company	Puente City Water Company	Randsburg Water Company	Redwood City Water Company
.....	\$4,926 63	\$439 29	\$1,108 54	.....	.....	\$2,517 51	\$1,022 72	\$141 76
.....	318 94	.....	.....	.....	.....	.....	2,941 98	7,482 10
.....	1,310 29	417 45	22 50	.....	.....	.....	.....	.....
.....	700 62	2,757 83	.....	.....	.....	.....	.....	.....
.....	1,113 63	.....	.....	.....	.....	.....	18 33	.....
.....	3,348 91	2,125 06	2,060 65	\$30 00	.....	26 66	361 66	.....
.....	977 38	1,293 43	832 48	148 87	.....	180 00	3,606 00	224 42
.....	4,597 50	.....	.....	.....	.....	210 17	285 52	426 76
.....	.....	.....	.....	.....	.....	350 00	904 63	1,770 00
Total operating expenses..	\$17,240 90	\$7,082 56	\$3,833 17	\$178 87	.....	\$3,284 34	\$9,130 79	\$10,045 03

Sold to City of Placerville, November 16, 1920.  
Report not received in time to include figures in this report.

TABLE NO. 4—Continued.

ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Rialto Domestic Water Company	Riverbank Water Company	Riverhead Gas and Water Company	San Benito County Land and Water Company	San Dimas Charter Oak Domestic Water Company	San Geronimo Valley Water Company	San Geronimo Water Company	Santa Clara Valley Water Company
General expenses	\$1,200 00	\$2,416 83	\$4,231 40	\$2,000 34	\$2,022 40	\$26 83	\$1,200 25	\$559 39
Taxes	...	648 14	...	...	...	2,947 83	503 30	127 49
Depreciation, etc.	...	50 36	180 62	...	1,317 17	...	632 45	58 53
	...	7 50	85 98	...	2,023 96	1,132 06	4,206 31	133 00
	...	231 83	...	...	327 99	655 86	786 09	185 34
	...	5,074 84	...	305 32	2,574 13	994 05	2,205 35	2,753 20
	...	667 70	...	...	306 64	433 30	...	...
	1,478 44	2,895 96	568 55	...	2,313 85	2,075 15	...	...
Total operating expenses	\$4,734 28	\$11,984 26	\$5,087 14	\$2,385 66	\$12,188 09	\$8,286 27	\$9,771 66	\$3,909 85

	Santa Clara Water and Irrigating Company	Santa Paula Water Works	Santa Rosa Water Works	Sedney Water Company	Sawtelle Water Company	South Feather Land and Water Company	The Stine Canal Company	Stockton and Mokelumne Canal Company
General expenses	\$1,303 20	\$137 83	\$233 50	\$90 00	\$2,551 54	\$6,437 53	\$763 80	\$3,006 81
Taxes	1,043 63	...	4,432 74	2,343 71	6,407 38	...	2,706 13	3,053 86
Depreciation, etc.	...	36 41	...	...	...	...	5,123 28	14 50
	...	2,005 67	283 20	236 34	309 97	...	...	...
	...	1,079 05	355 44	640 72	1,806 35	1,749 43	...	...
	...	1,012 93	...	300 33	2,379 41	1,000 08	2,232 43	4,745 93
	2,642 58	1,358 01	7,178 78	948 00	1,685 22	928 21	1,329 08	1,907 52
	338 13	2,616 48	2,072 82	126 76	702 81	4,042 69	...	2,285 00
	2,401 59	4,575 50	...	500 00	...	...	...	...
Total operating expenses	\$7,397 16	\$14,411 88	\$14,404 53	\$5,076 76	\$15,872 68	\$14,147 94	\$12,104 78	\$14,742 62



TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	St. Helena Water Company	Summit Lake Irrigation Company	Sycamore Canon Water Company	Torrance Water, Light and Power Company	Ukiah Water and Improvement Company	Union Water Company	Venice of America Water Company	Victorville Domestic Water Company	Washington Water and Light Company
St. Helena	\$208 89	..	\$285 10	\$11,089 96	\$5,796 75	\$14 81	..	\$811 06	\$1,705 01
..	73 97	..	39 36	..	..	688 57	..	..	..
..	45 92	..	50 00	2,587 47	680 92	185 76	100 00	26 25	..
..	20 64	\$1,608 59	..	2,367 42	..	3,800 00	2,383 06	155 40	90 83
..	347 32	..	..	865 44	2,317 16	..	216 79	345 00	360 75
..	306 83	9 00	126 58	1,347 81	1,758 00	661 86	900 81	1,183 34	367 35
..	1,973 20	199 00	21 83	1,804 40	908 10	1,185 76	743 43	78 10	241 00
..	1,367 94	..	..	1,545 40	700 00	600 00	1,200 00	..	..
..	1,600 00	..	..	..	..	..	..	..	..
Total operating expenses	\$5,944 71	\$1,906 59	\$322 86	\$21,727 90	\$12,160 93	\$6,834 75	\$14,062 65	\$2,299 95	\$2,764 94

	West Riverside Canal Company	West San Joaquin Valley Water Company	Williams Water and Electric Company	Willits Water and Power Company	Willowbrook Water Company	Wilmington Water Company	Hayward Water Company <sup>1</sup>	Hercules Water Company	Kern Island Canal Company <sup>2</sup>
..	..	\$1,938 08	\$2,791 75	..	37 50	..	..	\$4,157 52	\$383 02
..	..	95 63	443 26	..	1,004 18	..	\$4,435 00	10,342 93	..
..	..	10 50	..	2433 83	..	..	78 96	..	..
..	\$8,245 15	368 58	79 06	760 76	16 23	..	903 09	2,735 53	760 96
..	486 71	674 70	..	427 35	469 30	..	862 00	..	1,545 26
..	..	1,460 92	139 00	416 71	315 11	..	2,967 00	1,935 25	4,655 45
..	1,653 68	514 25	237 80	3,833 43	161 46	860 91	1,188 44	1,740 70	3,021 48
..	1,036 86	693 25	..	362 63	..	..	..	4,543 20	..
Depreciation, etc	..	..	..	..	..	..	..	..	..
Total operating expenses	\$11,424 40	\$5,750 91	\$3,630 59	\$6,236 71	\$1,973 78	\$60 91	\$10,425 78	\$25,375 13	\$10,266 79

<sup>1</sup>Sold to City of Hayward, May 1, 1920.

<sup>2</sup>Acquired property of Kern Island Irrigating Canal Company, October 7, 1920.

TABLE NO. 4—Continued.  
ABSTRACT OF OPERATING EXPENSES CLASS "C" WATER CORPORATIONS OPERATING IN CALIFORNIA DURING THE YEAR ENDING DECEMBER 31, 1920.

	Western States Gas and Electric Company	Vacaville Water and Power Company	Baldwin Park Domestic Water Company	Russian River Water Company	Plymouth Water Company	Novato Utilities Company	Meaday Rancho Water Company	Santa Cruz County Utilities	Totals
Taxes	..	\$1,241 11	\$8,953 11	\$1,001 61	\$900 00	\$421 63	\$3,117 87	\$996 01	\$212,834 90
Depreciation, etc	..	1,730 78	196 04	2,191 56	365 25	..	..	..	226,919 86
	\$4,083 80	..	1,837 14	2,009 83	73 55	41 65	..	1,748 91	2,091 31
n system business.	8,342 69	..	..	928 61	..	..	..	..	132,936 77
..	386 62	..	..	1,203 12	360 00	..	..	..	128,956 77
..	1,822 59	2,897 10	4,415 00	1,836 56	183 90	366 43	955 49	168 70	43,130 45
..	1,300 00	517 63	323 21	263 60	71 00	26 00	..	559 60	252,864 73
..	540 00	845 20	1,006 00	..	..	420 44	..	492 44	92,668 06
Total operating expenses	\$16,345 70	\$7,232 02	\$11,732 ■	\$9,422 26	\$1,974 30	\$1,278 35	\$4,073 06	\$4,862 90	\$1,267,340 70



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**WAREHOUSES, WHARFINGERS AND  
WATER CARRIERS.**

**List of Warehouses, Wharfingers, Water Carriers and Their  
Officials.**

**Tables 1 and 2.**

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**WAREHOUSES, WHARFINGERS AND WATER CARRIERS.****A—Officers of Companies Whose 1920 Annual Reports Are Summarized in This Report.****Alpaugh Warehouse and Milling Company.**

Incorporated February 15, 1915, under the laws of California.

N. Schilling, President;  
A. S. McCulloch, Vice President;  
A. B. Allen, Secretary and General Manager.

Business address, Alpaugh, California.

**Associated Terminals Company.**

Name changed from Barneson-Hibberd Company to China Basin Warehouse Company, September 7, 1916, and from China Basin Warehouse Company, December 31, 1918.

John Barneson, President;  
J. L. Barneson, Vice President;  
H. S. Scott, Secretary and General Manager;  
W. E. Jones, General Superintendent.

Business address, 324 Sansome street, San Francisco.

**Baker and Company.**

Incorporated October 9, 1918, under the laws of California.

Harry Hall, President;  
Leslie F. Baker, Vice President and General Manager;  
William A. McKee, Secretary.

Business address, Modesto, California.

President's and Secretary's address, 16 California street, San Francisco.

**Bay Cities Transportation Company.**

Incorporated June 27, 1916, under the laws of California.

Phebe M. Rideout, President;  
C. C. Chappell, Vice President and General Manager;  
V. M. Schroder, Secretary.

Business address, Clay street dock, Oakland, California.

**Baker Bowers Warehouse Company.**

Incorporated September 3, 1919, under the laws of California.

Frank T. Bowers, President;  
Warren G. Baker, Vice President;  
Charles L. Brown, Secretary.

Business address, 945 Battery street, San Francisco.

**Belshaw Warehouse Company.**

Incorporated August 31, 1918, under the laws of California.

J. Bermingham, President;  
H. W. Spencer, Vice President;  
W. G. Eckstein, Secretary, Treasurer and General Manager.

Business address, 142 Beale street, San Francisco.

**Caldwell Warehouse Company.**

Incorporated October 22, 1918, under the laws of California.

H. P. Goodman, President;  
A. B. Caldwell, Vice President and General Manager.

Business address, 310 Brannan street, San Francisco.

**California Navigation and Improvement Company.**

Incorporated in 1890, under the laws of California.

S. P. Elliott, President;  
C. D. Clarke, Vice President and General Manager;  
T. S. Louttit, Secretary and Treasurer.

Business address, Pier 3, San Francisco.

**California Transportation Company.**

Incorporated in 1875, under the laws of California.

A. E. Anderson, President and General Manager;  
R. Herold, Jr., Vice President;  
W. H. Metson, Secretary;  
A. O. Dorey, Auditor.

Business address, Pier 3, San Francisco.

**California Wharf and Warehouse Company.**

Incorporated August 18, 1887, under the laws of California.

John Lawson, President;  
Wm. L. Shaw, Vice President;  
H. W. Tomlinson, Secretary;  
Balfour Guthrie and Company, Treasurer and Manager.

Business address, 351 California street, San Francisco.

**Callaghan Warehouse Company.**

Incorporated June 11, 1904, under the laws of California.

M. G. Callaghan, Secretary;  
W. H. Egan, Treasurer.

Business address, Livermore, California.

**Chinn Warehouse Company.**

Incorporated March 30, 1910, under the laws of California. Warehouse leased to Deacon Lumber Company, December 31, 1920.

R. O. Deacon, President and General Manager;  
E. G. Sellers, Vice President;  
G. H. Ward, Secretary.

Business address, 312 Mason Building, Fresno, California.

**Crescent City Wharf and Dock Company.**

Incorporated February 4, 1884, under the laws of California.

W. J. Hotchkiss, President;  
D. E. Skinner, Vice President;  
J. M. Hotchkiss, Secretary;  
Geo. M. Keller, General Manager, Crescent City, California.

Business address, 1 Drumm street, San Francisco.

**Coggeshall Launch and Towboat Company.**

Incorporated March 30, 1910, under the laws of California.

Walter Coggeshall, President and General Manager;  
L. L. Coggeshall, Vice President;  
E. R. Barkdale, Secretary.

Business address, Eureka, California.

**Crescent Wharf and Warehouse Company.**

Incorporated November 22, 1899, under the laws of California.

Wm. Bayly, President;  
Wm. Bayly, Jr., Vice President and Treasurer;  
Geo. W. Bayly, Secretary;  
E. A. Mills, Superintendent.

General Manager's business address, 711 Central Building, Los Angeles.  
President and Secretary's address, 1027 Van Nuys Building, Los Angeles.

**Crows Landing Warehouse Company.**

Incorporated April 12, 1900, under the laws of California.

H. C. Tucker, President;

F. S. Stanley, Secretary and Treasurer.

Business address, Crows Landing, California.

**Davies Warehouse Company.**

Incorporated April 24, 1902, under the laws of California.

Chas. T. B. Jones, President and General Manager;

J. M. S. Jones, Secretary.

Business address, 413 East Second street, Los Angeles.

**Dealers Grain and Warehouse Company.**

Incorporated December 9, 1907, under the laws of California.

A. E. Nicholls, President;

A. M. Thayer, Vice President;

J. E. Loomis, Secretary.

Business address, 2505 Santa Fe avenue, Los Angeles.

**Delta Warehouse Company.**

Incorporated July 19, 1920, under the laws of California.

J. W. Schuler, President;

A. J. Ames, Vice President;

H. J. Mann, Secretary;

Chas. H. Nicewonger, General Superintendent.

Business address, 4 West Weber avenue, Stockton, California.

**De Pue Warehouse Company.**

Incorporated January 3, 1912, under the laws of California.

Mrs. Rowena H. De Pue, President;

John F. Neville, Vice President;

A. C. Worthington, Secretary and Treasurer;

Ed. H. Beane, Auditor;

H. E. De Lasaux, General Manager.

Business address, First and Brannan streets, San Francisco.

**East San Pedro Warehouse Company.**

Incorporated October 9, 1919, under the laws of California.

J. H. Lundborn, President and General Manager;

J. McGowan, Secretary;

Ommund Sunde, Vice President and Warehouseman.

Business address, Box "B," San Pedro, California.

**Etcheverry Warehouse Company.**

Incorporated May 31, 1911, under the laws of California. Acquired Tres Pinos Warehouse Company and Farmers Hay Company.

J. F. Etcheverry, President;

John Indart, Vice President;

James Slaven, Secretary, General Manager and Superintendent.

Business address, Tres Pinos, California.

**Farmers' Cooperative Union of Butte County.**

Incorporated April 23, 1884, under the laws of California. Company dissolved September 30, 1920.

W. M. Doty, President and General Manager;

Jeanette Doty Caldwell, Secretary.

Business address, Biggs, California.



**Farmers' Transportation Company.**

Incorporated in 1901, under the laws of California.

L. M. Miller, President;

A. B. Roehl, Secretary.

Business address, 1120 Balfour Building, San Francisco.

**Farmers Warehouse Company of Altamont.**

Incorporated July 25, 1904, under the laws of California.

J. N. Egan, President, Treasurer and General Manager;

Owen Flynn, Vice President;

E. G. Young, Secretary.

Business address, Livermore, California.

**Farmers' Warehouse Company.**

Incorporated March 21, 1903, under the laws of California.

Jesse Poundstone, President;

A. A. Thayer, Secretary and General Manager.

Business address, Grimes, California.

**Fresno Warehouse Company.**

Incorporated December 18, 1888, under the laws of California.

J. L. Coats, President;

A. R. Morrow, Vice President;

H. R. Kage, Secretary.

Business address, 216 Pine street, San Francisco.

**Gilroy Commercial Company.**

Incorporated December 28, 1908, under the laws of California.

H. F. Bassett, President;

W. B. Stewart, Secretary;

Business address, Gilroy, California.

**Globe Warehouse Company.**

Incorporated December 20, 1913, under the laws of California.

Will E. Keller, President;

O. H. Morgan, Vice President;

A. D. Buckley, Secretary and Auditor.

Business address, 907 East Third street, Los Angeles.

**Grangers Business Association.**

Incorporated March 20, 1882, under the laws of California.

F. A. Somers, President;

R. J. Somers, Vice President;

R. H. Childs, Secretary, Treasurer and General Manager;

Thos. O'Grady, Superintendent.

Business address, Room 712 American National Bank Building, San Francisco.

**Hall Warehouse Company.**

Incorporated June 25, 1903, under the laws of California.

E. E. Hall, President;

F. J. Hall, Vice President;

F. E. Hall, Secretary.

Business address, Pleasanton, California.

**The Haslett Warehouse Company.**

Incorporated February 16, 1898, under the laws of California.

S. M. Haslett, President and General Manager;

Jas. J. Searle, Vice President;

P. E. Haslett, Secretary and Treasurer;

C. F. Cormack, General Superintendent.

Business address, 228 Pine street, San Francisco, California.

**The Hogue Kellogg Company.**

Incorporated July, 1909, under the laws of California.

Fred L. Hogue, President;

Erwin Kellogg, Vice President;

Wade Gray, Secretary.

Business address, Ventura, California.

**Hollister Warehouse Company.**

Incorporated in 1881, under the laws of California. Consolidated Hollister Flouring Mills in 1912.

J. F. Etcheverry, President;

S. R. Crosby, Secretary, Treasurer and General Manager.

Business address, Hollister, California.

**Hueneme Wharf and Warehouse Company.**

Incorporated December 27, 1912, under the laws of California. Acquired property of Farmers Warehouse Company, July 5, 1913.

A. Camarillo, President;

J. P. McLoughlin, Vice President;

J. D. McGrath, Secretary;

Jas. Powers Company, Lessees.

Business address, Oxnard, California.

**Huntington Beach Warehouse Company.**

Incorporated December 21, 1912, under the laws of California. Acquired property of Farmers Warehouse Company, June 14, 1913.

Jules Kauffman, President;

Rachel Kauffman, Vice President;

Richard Draw, Secretary, Treasurer and General Manager.

Business address, Huntington Beach, California.

**Imperial Grain and Warehouse Company.**

Incorporated in 1912, under the laws of California.

M. N. Newmark, President;

C. F. Krauss, Secretary.

Business address, 522 I. W. Hellman Building, Los Angeles.

**Intrastate Warehouse Company.**

Incorporated in 1920, under the laws of California. Acquired property of Lancaster Feed and Fuel Company.

T. K. Temple, President, business address, Lancaster, California;

D. T. Lewis, Secretary.

Business address, Lancaster, California.

**The Lathrop Hay Company.**

Incorporated May 8, 1893, under the laws of California. Name changed from Farmers' Hay Company.

R. P. Lathrop, President;

C. N. Hawkins, Vice President;

C. A. Gardner, Secretary and General Manager.

Business address, Hollister, California.

**Larkin Transportation Company.**

Incorporated January 12, 1920, under the laws of California.

D. L. Larkin, President ;

F. J. Larkin, Secretary and General Manager.

Business address, Pier 23, San Francisco.

**Lawrence Warehouse Company.**

Incorporated July 1, 1913, under the laws of California.

V. O. Lawrence, President ;

M. S. Lawrence, Vice President ;

A. T. Gibson, Secretary and Treasurer.

Business address, 325 Thirteenth street, Oakland, California.

**Lompoc Warehouse Company.**

Incorporated October, 1912, under the laws of California. Acquired Lompoc Seed Growers Association, October 1, 1912.

O. R. McAdam, President and General Manager ;

H. J. Moore, Vice President ;

Tom Clifford, Secretary.

Business address, Lompoc, California.

**Long Beach Transfer and Warehouse Company.**

Incorporated October 4, 1907, under the laws of California.

F. A. Lossing, President ;

E. W. Hanna, Vice President ;

R. V. Mercer, Secretary.

Business address, 124 West First street, Long Beach, California.

**Los Angeles Harbor Warehouse Company.**

Incorporated February 7, 1916, under the laws of California.

C. H. Eubank, President ;

Harry R. Hay, Vice President ;

E. Opp, Secretary.

Business address, Wilmington, California.

**Los Angeles Valley Warehouse Company.**

Incorporated August 8, 1916, under the laws of California.

A. E. Streeter, President ;

Lewis E. Bliss, Secretary and Treasurer.

Business address, Van Nuys, California.

**Los Angeles Warehouse Company.**

Incorporated in 1906, under the laws of California.

Fred H. Bixby, President ;

L. Lichtenberger, Vice President ;

F. M. Brock, Secretary ;

W. E. Brock, General Manager.

Business address, 316 Commercial street, Los Angeles.

**Madison Warehouse Company.**

Incorporated June 12, 1902, under the laws of California.

S. L. Stephens, President and Secretary ;

G. W. Grey, Vice President.

Business address, Woodland, California.

**Marian Milling Company.**

Incorporated June 10, 1918, under the laws of California.

Bruce R. Wallace, President;

L. M. Bryant, Secretary;

J. D. McHenry, General Manager.

Business address of President and Secretary, 524 Union Oil Building, Los Angeles.

**The Martinez Benicia Ferry and Transportation Company.**

Incorporated January 25, 1912, under the laws of California.

J. J. McNamara, President and General Manager;

Gustav Gnauck, Vice President;

J. E. Glendon, Secretary;

L. B. Cooper, Chief Engineer.

Business address, Benicia, California.

**Mission Warehouse Company.**

Incorporated in 1909, under the laws of California.

John Work, President;

H. Twisselmann, Secretary.

Business address, San Miguel, California.

**Monticello Steamship Company.**

Incorporated July 26, 1904, under the laws of Maine.

C. N. Hatch, President;

A. T. Hatch, Vice President and General Manager;

C. F. Hatch, Secretary.

Business address, Vallejo, California.

**Murrietta Valley Elevator Company.**

Incorporated April 8, 1918, under the laws of California.

J. V. Thompson, President;

H. M. Wickerd, Vice President;

A. K. Small, Secretary.

Business address, Murrietta, California.

**Natoma Warehouses.**

Incorporated January 13, 1914, under the laws of California.

Sidney Herzberg, President;

Jerry Flynn, Vice President;

Edison Floyd, Secretary.

President's business address, 77 O'Farrell street, San Francisco.

**Outer Harbor Dock and Wharf Company.**

Incorporated March 30, 1906, under the laws of California.

Randolph H. Miner, President;

E. W. Clark, Vice President and General Manager;

John McPeak, Secretary.

Business address, 1118 Union Oil Building, Los Angeles.

**Pacific Commercial Warehouse, Incorporated.**

Incorporated October 22, 1918, under the laws of California.

John D. Spreckels, President;

J. B. Alexander, Vice President;

Ernest E. White, Secretary;

B. E. Whitmarsh, General Manager.

Business address, 923-941 East Third street, Los Angeles.

**Pacific Steamship Company.**

Incorporated October 9, 1916, under the laws of Maine. Acquired Pacific Alaska Navigation Company and The Pacific Coast Company.

H. F. Alexander, President;  
A. J. Haines, Vice President;  
Chester Thorne, Vice President;  
E. A. Stuart, Vice President;  
A. Stanley Dollar, Vice President;  
Frank Woolsey, Secretary;  
A. F. Haines, General Manager;  
R. L. Betts, Auditor.

Business address, 420 L. C. Smith Building, Seattle, Washington.

**Henry C. Peterson, Incorporated.**

Incorporated May 28, 1917, under the laws of California.

J. J. Tynan, President;  
Geo. E. Billings, Vice President;  
R. H. Holmberg, Secretary;  
Harry Levenson, General Manager.

Business address, care W. L. Comyn Company, 310 California street, San Francisco.

**Pierce Warehouse Company.**

Incorporated August, 1912, under the laws of California.

Wm. Pierce, President and General Manager;  
L. Pierce, Vice President;  
R. E. McFall, Secretary and Treasurer.

Business address, Suisun, California.

**Perkins Grain and Milling Company.**

Incorporated under the laws of California.

Chas. C. Perkins, President and General Manager;  
Joseph A. Haltz, Secretary;

Business address, 820 J street, Sacramento, California.

**Port Costa Warehouse and Dock Company.**

Incorporated September 25, 1882, under the laws of California.

J. A. McNear, President;  
G. W. McNear, Vice President;  
J. P. Rothwell, Secretary.

Business address, 1001 Insurance Exchange Building, San Francisco.

**Palo Verde Warehouse and Storage Company.**

Incorporated October 17, 1918, under the laws of California.

J. F. Henry, President and General Manager;  
E. A. Lorton, Vice President;  
A. L. Dechene, Secretary, 715 Hibernian Building, Los Angeles.

President and General Manager's address, Blythe, California.

**Port Costa Wharf Company.**

Incorporated March 30, 1882, under the laws of California.

J. A. McNear, President;  
G. W. McNear, Vice President;  
J. P. Rothwell, Secretary.

Business address, 1001 Insurance Exchange Building, San Francisco.

**Producer's Transportation Company.**

Incorporated September 28, 1917, under the laws of California.

E. C. Mitchell, President;  
W. E. Hibbitt, Vice President;  
A. T. Gibson, Secretary.

Address, Vice President, 1108 R street, Sacramento, California.

**Producers Warehouse, Incorporated.**

Incorporated June 14, 1919, under the laws of California.

Harry Lillick, President;  
T. P. McCray, Vice President;  
R. F. Williams, Secretary.

Business address, P. O. Box G, San Jose, California.

**The Richmond and San Rafael Ferry and Transportation Company.**

Incorporated April 13, 1915, under the laws of California.

C. F. Van Damne, President and General Manager;  
A. F. Mahony, Vice President;  
H. T. Gill, Secretary and Auditor.

Business address, Fifth and Hooper streets, San Francisco.

**Remco Steamship Company.**

Incorporated January 13, 1919, under the laws of California.

C. J. Wood, President;  
C. E. DeCamp, Vice President;  
G. E. Freudenberg, Secretary.

Business address, 1600 Hobart Building, San Francisco.

**Rodeo Vallejo Ferry Company.**

Incorporated March 23, 1918, under the laws of California.

A. J. Hanford, President and General Manager;  
E. Schulze, Vice President;  
O. H. Klatt, Secretary.

Business address, Rodeo, California.

**Sacramento Navigation Company.**

Incorporated March 26, 1920, under the laws of California.

W. P. Dwyer, President and General Manager;  
F. T. Dwyer, Vice President;  
H. H. Sanborn, Secretary.

Business address, 1400 Front street, Sacramento, California.

**Sacramento Transportation Company.**

Incorporated May 19, 1882, under the laws of California.

W. P. Dwyer, President and General Manager;  
F. T. Dwyer, Vice President;  
M. W. Harvey, Secretary.

Business address, 1400 Front street, Sacramento, California.

**Sacramento River Warehouse Company.**

Incorporated October 19, 1916, under the laws of California.

A. B. Roehl, President;  
R. C. Gingg, Vice President;  
H. H. Sanborn, Secretary and Treasurer;  
W. P. Dwyer, General Manager.

Business address, 1400 Front street, Sacramento, California.

**Santa Fe Warehouse Company.**

W. L. Phillips, President;  
Leo Phillips, Secretary.

Business address, 300 Avery street, Los Angeles.

**San Diego and Coronado Ferry Company.**

Incorporated April 14, 1886, under the laws of California.

J. D. Spreckels, President;  
W. Clayton, Vice President and Managing Director;  
Claus Spreckels, Secretary and Treasurer;  
N. E. Brown, Auditor.

Business address, San Diego, California.

**The San Francisco and Portland Steamship Company.**

Incorporated March 18, 1912, under the laws of California.

C. R. Gray, President;  
J. P. O'Brien, Vice President and Auditor;  
C. E. Cochran, Secretary;  
F. W. Sercombe, Auditor.

Business address, Portland, Oregon.

**San Francisco Warehouse Company.**

Incorporated October 5, 1899, under the laws of California. Originally the Danforth Warehouse Company.

Louis James, President;  
H. F. Hiller, Vice President and General Manager;  
Karl J. Hendricks, Vice President;  
M. E. Percival, Secretary and Treasurer.

Business address, 625 Third street, San Francisco.

**San Miguel Flouring Mill Company.**

Incorporated October 26, 1903, under the laws of California.

John Work, President;  
H. Twisselmann, Secretary;  
E. J. Wickstrom, General Manager.

Business address, San Miguel, California.

**San Pedro Transportation Company.**

Incorporated May 26, 1906, under the laws of California.

Frank A. Garbutt, President and General Manager;  
Samuel C. Hall, Secretary and Treasurer;  
Matt. J. Walsh, General Superintendent.

Business address, 712 Pantages Building, Los Angeles.

**Saticoy Warehouse Company.**

Incorporated August 30, 1917, under the laws of California.

H. C. Sharp, President;  
D. F. Sheldon, Vice President;  
F. J. Mahoney, Secretary, Treasurer and General Manager.

Business address, Saticoy, California.

**Sawtelle Warehouse Company.**

Incorporated December 31, 1912, under the laws of California.

W. B. Waterman, President;  
J. M. Waterman, Vice President;  
R. F. Hardenbrook, Secretary;  
B. W. Shipman, Attorney.

Business address, 605 East Third street, Los Angeles.

**Seafoam Warehouse Company.**

Incorporated March 9, 1914, under the laws of California.

E. T. Harnett, President and General Manager;  
F. B. Harnett, Secretary.

Business address, Long Beach, California.

**Security Warehouse and Cold Storage Company.**

Incorporated November 8, 1919, under the laws of California.

E. E. Chase, President;  
F. A. Wilder, Vice President;  
J. O. Patton, Secretary and General Manager.

Business address, 350 North First street, San Jose, California.

**Shattuck and Nimmo Warehouse Company.**

Incorporated April 3, 1902, under the laws of California.

Edward S. Shattuck, President;  
C. A. Nimmo, Vice President;  
Wm. J. Nimmo, Secretary.

Business address, 414 Marsh-Strong Building, Los Angeles.

**South End Warehouse Company.**

Incorporated April 4, 1901, under the laws of California.

Geo. W. Lamb, President and General Manager;  
W. C. Sharpstein, Vice President;  
Geo. H. Lemman, Secretary.

Business address, 631 Second street, San Francisco.

**Six Minute Ferry.**

Incorporated April 2, 1919, under the laws of California. Acquired property of Association of Mare Island Employees.

Forbes H. Brown, President;  
J. P. Connors, Vice President;  
C. V. Stewart, Secretary;  
O. G. Gordon, General Manager.

Business address, Vallejo, California.

**Southern Pacific Milling Company.**

Incorporated July 15, 1886, under the laws of California.

Timothy Hopkins, President;  
M. M. Cragg, Vice President;  
W. H. Dillon, Secretary.

Business address, 201 Sansome street, San Francisco.

**Southwestern Wharf Company.**

Incorporated March 18, 1918, under the laws of California.

Marco H. Hellman, President;  
W. F. Howard, Vice President;  
E. A. Mills, Secretary;  
J. A. Talbot, General Manager.

Business address, East San Pedro, California.

**Spencer and Ayer, Inc.**

Incorporated August 22, 1911, under the laws of California.

Harry F. Spencer, President and General Manager;  
Raymond Spencer, Vice President.

Business address, Walnut Creek, California.

**State Warehouse Company.**

Incorporated October 20, 1911, under the laws of California.

A. S. Humphreys, President;  
H. L. Lanfar, Secretary;  
C. F. Shaw, Treasurer.

Business address, 823 Insurance Exchange Building, San Francisco.



**Stearns Wharf Company.**

Incorporated October 31, 1887, under the laws of California.

Frank Smith, President and General Manager;  
Edward S. Spaulding, Vice President;  
Byron M. Smith, Secretary.

Business address, Santa Barbara, California.

**Star and Crescent Boat Company.**

Incorporated December 31, 1914, under the laws of California.

O. J. Hall, President and General Manager;  
R. M. Creswell, Vice President;  
Ralph J. Chandler, Secretary.

Business address, San Diego, California.

**The Union Terminal Warehouse Company.**

Incorporated August 24, 1916, under the laws of California.

Walter E. Seeley, President;  
Gerald Fitzgerald, Vice President;  
I. E. Blohm, Secretary;  
C. G. Munson, General Manager.

Business address, 737 Terminal street, Los Angeles.

**Ventura Wharf and Warehouse Company.**

Incorporated May 1, 1916, under the laws of California.

C. C. Perkins, President;  
R. C. Sudden, Vice President;  
C. E. Bonestel, Secretary;  
M. Dimmick, Manager.

Business address, Ventura, California.

**The White Flyer Line.**

Operates S. S. Humboldt which is owned by individuals and operated by  
W. S. Scammell and Company.

A. F. Horne, Auditor.

Business address, 603 Fife Building, San Francisco.

**Willows Warehouse Association.**

Incorporated February 17, 1883, under the laws of California.

Louis G. Sutton, President;  
W. B. Harden, Vice President;  
Vernon O. Wolcott, Secretary and General Manager;  
H. C. Bell, Attorney.

Business address, Willows, California.

**Wilmington Transportation Company.**

Incorporated January 3, 1884, under the laws of California.

J. H. Patrick, President;  
David P. Fleming, Secretary and Treasurer;  
E. K. Wood, General Superintendent.

Business address, Box 87, Wilmington, California.

**Zelzah Warehouse Company.**

Incorporated January, 1919, under the laws of California.

L. M. Bryant, President;  
Bruce R. Wallace, Secretary and Treasurer;  
P. J. Deaux, General Manager.

Business address, Zelzah, California.

**B.—Officers of Companies or Owners of Public Utilities Whose 1920 Annual Reports Are Not Summarized in This Report.**

**Antioch Wharf Company.**

H. F. Beede, General Manager,  
Antioch, California.

**Arbuckle Warehouse.**

Griffin and Hornall, Owners, ,  
Arbuckle, California.

**H. Arendt and Company.**

Pleasanton, California.

**Fred F. Ball Launch Service.**

Fred F. Ball, Owner,  
Antioch, California.

**Bauer and Miller.**

Courtland, California.

**Berkeley Transportation Company.**

John M. Atthowe, General Manager,  
Pier 9, San Francisco.

**Birds Landing Warehouses.**

Mrs. Lena Dinkelspiel, Owner ;  
I. W. Miller, Lessee,  
Suisun, California.

**The Blackie Company.**

K. M. Swearingen, General Manager,  
Salinas, California.

**Browns Wharf.**

Alex Brown, Owner,  
Walnut Grove, California.

**Capay Warehouse Association.**

Chas. Orengo, Manager,  
Capay, California.

**Cardwell Warehouse.**

W. D. Cardwell, E. S. Cardwell, E. B. Young, Owners ;  
E. S. Cardwell, Manager,  
Chowchilla, California.

**Cayucos Wharf.**

H. K. Cass, President and General Manager,  
Cayucos, California.

**Citrona Warehouse.**

Mrs. Anna Tadlock, Owner ;  
T. E. Tadlock, Manager,  
Winters, California.

**Coe Warehouse Company.**

M. Coe, Owner,  
Hanford, California.

**Colberg Motor Boats.**

Wm. C. Colberg, Manager,  
37 East Weber avenue, Stockton, California.

**Cone and Kimball Company.**

C. K. King, President and General Manager,  
Red Bluff, California.

**Corcoran Mill and Warehouse.**

S. C. Dunlap, Owner,  
Central Building, Los Angeles.

**County Line and Hershey Warehouses.**

E. H. Peake, Manager,  
Dunnigan, California.

**Cousins Launch and Lighter Company.**

H. H. Cousins, Superintendent,  
Eureka, California.

**Cutter Bros. Warehouse.**

Geo. H. Cutter, Manager,  
Corcoran, California.

**Danville Warehouse and Lumber Company.**

E. C. Weister, Alfred M. Weister, Owners,  
Danville, California.

**Davis Warehouse.**

Sebia Davis, Owner;  
Alfred J. Davis, Agent,  
Sycamore, California.

**Davis and Frey.**

H. M. Davis and W. F. Frey, Owners,  
Madera, California.

**Dickinson-Nelson Company.**

E. C. Dickenson, President;  
A. Gagliardo, Secretary,  
12-14 Weber avenue, Stockton, California.

**Delano Warehouse.**

J. D. Heiskell and A. Bullock, Proprietors,  
Delano, California.

**Delta Transportation Co.**

Capt. Benj. Walters, Managing Owner,  
Stockton, California.

**Dixons Warehouse.**

T. H. Dixon, Owner,  
Grafton, California.

**Doty Brick Warehouse.**

Reorganization of Farmers Cooperative Union of Butte County.  
W. M. Doty, Owner,  
Biggs, California.

**Ducor Warehouse.**

Heiskell and Bullock, Managers,  
Ducor, California.

**Dufour Warehouse.**

H. Richter, Manager,  
Yolo, California.

**Dunnigan Grain Warehouse.**

Thomas, Stephens and Mattei, Proprietors,  
Dunnigan, California.

**Ely's Warehouse.**

J. W. Ely and Eula D. Cooper, Owners;  
J. W. Ely, Manager,  
Winters, California.

**Empire Barge Company.**

J. F. Fletcher, General Manager;  
A. F. Roberts, Financial Manager,  
Box 434, Stockton, California.

**The Fabian Grunauer Company.**

A. Grunauer, President;  
Laurence Fabian, Manager;  
Louis Kroner, Secretary,  
Tracy, California.

**Erickson, John.**

141 Steuart street, San Francisco.

**Farmers Alliance Business Association.**

N. G. Madsen, President;  
Mat Iverson, Secretary;  
C. F. Grove, Manager,  
Paso Robles, California.

**Farmers Warehouse Company.**

W. A. Perdue, Manager,  
Elmira, California.

**Farmers Warehouse Company.**

Albert N. Bemmerly, Owner,  
Woodland, California.

**Fillmore Warehouse.**

W. J. Goodacre, Owner,  
Fillmore, California.

**Friant Warehouse.**

E. W. Davies, Owner,  
Friant, California.

**Gilbert, A. L.**

Oakdale, California.

**Grand Island Warehouse.**

J. L. Browning, Owner,  
Grimes, California.

**The Grange Company.**

Henry G. Turner, President and General Manager,  
Modesto, California.

**Greenleaf Warehouse.**

W. D. Cobb, Owner,  
Gregg, California.

**Gridley Warehouses.**

Leased to B. J. Dolan, June 1, 1920.  
T. B. Channon and T. J. Long, Owners,  
Gridley, California.

**Frank A. Guernsey Grain Company.**

J. W. Schuler, President and General Manager;  
H. J. Mann, Secretary,  
4 West Weber avenue, Stockton, California.

**Hochheimer and Company.**

A. Hochheimer, President;  
G. A. Gutman, Vice President;  
L. Scheeline, Secretary,  
Willows, California.

**Hoxie and Tillman**

Suisun, California.

**Hunt Hatch Company.**

Geo. W. Hatch, President;  
A. J. Ginoux, Secretary,  
Webster Street Wharf, Oakland, California.

**Hutton Warehouse.**

C. A. Hutton, Proprietor,  
Front and Vallejo streets, San Francisco.

**Independent Warehouse Company.**

Chas. M. Nissen and E. G. Wente, Owners,  
Livermore, California.

**Island Transportation Company.**

Capt. Benj. Walters, Managing Owner,  
Stockton, California.

**Kilgore Warehouse.**

Ira B. Kilgore, Owner,  
Concord, California.

**Kitrick and Hall.**

R. S. Kitrick and W. S. Hall, Owners,  
Oroville, California.

**Lauritzen Transportation Company.**

F. C. Lauritzen, General Manager,  
Rio Vista, California.

**Livingston Warehouse.**

W. T. White and F. E. Crowell, Lessees,  
Livingston, California.

**McDonald Wharf.**

D. C. McDonald, Owner ;  
J. F. Woodcock, Manager,  
Eureka, California.

**Meins Grain Warehouse.**

Lambir Bros., Owners ;  
A. W. McDonald, Manager,  
Birds Landing, California.

**Merced Elevator Company.**

H. K. Hulls, Manager,  
Merced, California.

**Merchants Transportation Company.**

F. B. Kelly, General Manager,  
Stockton, California.

**Merchants Warehouse Company.**

F. J. Dow, President and General Manager ;  
H. G. Miles, Secretary,  
Fresno, California.

**Merritt Warehouses.**

G. N. Merritt, Owner ;  
Warden Hunt, Manager,  
Woodland, California.

**Miller and Lux, Incorporated.**

J. Leroy Nickel, President and General Manager ;  
David Brown, Secretary,  
1120 Merchants Exchange Building, San Francisco.

**Mitchell Silliman Company.**

O. P. Silliman, Vice President ;  
Clarence W. Smith, Secretary,  
Salinas, California.

**Mountain View Warehouse Co.**

John W. McCarthy, Jr.,  
112 Market street, San Francisco.

**Napa Transportation Company.**

E. V. Rideout, Owner ;  
H. G. Ilderton, General Manager,  
Pier 19, San Francisco.

**Simon Newman Company.**

Juda Newman, President ;  
E. S. Wagenheim, Vice President and General Manager,  
Newman, California.

**Nord Warehouse Company.**

J. W. Roper, Secretary,  
Chico, California.

**North Point Dock Warehouses.**

M. M. Gopeivie, Owner;  
M. S. Dodd, Lessee,  
1535 Sansome street, San Francisco.

**Oakdale Milling Company.**

Henry G. Turner, President,  
Modesto, California.

**Oakland Launch and Tugboat Co.**

Owned by American Dredging Company, 255 California street, San Francisco.  
Chas. H. Ehlert, Manager,  
Franklin street wharf, Oakland, California.

**Olufs Warehouse.**

Mrs. O. B. Olufs, Owner,  
Fresno, California.

**Pacific Drayage and Warehouse Company.**

W. J. Peterson, General Manager,  
1523-31 Front street, Sacramento, California.

**Peninsula Warehouse.**

A. P. Heise, Proprietor,  
Howard and Steuart streets, San Francisco.

**Pioneer Fuel and Feed Company, Incorporated.**

Incorporated January 19, 1920, under the laws of California. Successors  
to W. J. Robinson and Company.  
S. H. Williams, Jr., President;  
Otto F. Beckman, Secretary,  
Lodi, California.

**Pinole Warehouses.**

Thomas B. Fernandez, Proprietor;  
Manuel Barber, Lessee,  
Pinole, California.

**Plant Warehouses.**

Forrest A. Plant, Manager,  
Davis, California.

**Producers Warehouse.**

E. S. Young, Owner;  
T. E. Brown, Lessee,  
Woodland, California.

**Rather, W. S.**

Hemet, California.

**Rice Warehouse Company.**

C. E. Grosjean, Owner;  
L. A. W. Sherwood, General Manager;  
J. H. Smith, Warehouseman,  
Twentieth and Harrison streets, San Francisco.

**Richmond Navigation and Improvement Company.**

H. P. Lauritzen, General Manager,  
Richmond, California.

**E. V. Rideout Company.**

E. V. Rideout, Owner;  
H. G. Ilderton, General Manager,  
Pier 19, San Francisco.

**Ryde Wharf.**

W. A. Kesner, Owner,  
Ryde, California.

**Sacramento Valley Warehouse Company.**

H. E. Woolner and Company,  
942 McGarry street, Los Angeles.

**Sacramento Northern R. R. Warehouse.**

R. E. Brown, Lessee,  
Woodland, California.

**Edw. Salz Company.**

Edw. Salz, Manager,  
Decoto, California.

**San Joaquin Warehouse Company.**

Harry Spencer, Manager,  
Irvine, California.

**Saunders Bros.**

E. M. Saunders, Manager,  
Madera, California.

**Seawall U. S. Bonded Warehouse.**

Edw. G. Zeile, Proprietor,  
1501 Sansome street, San Francisco.

**A. B. Shoemaker Company.**

A. B. Shoemaker, President;  
T. M. Martz, Secretary and General Manager,  
Modesto, California.

**Sharon Warehouse.**

Ernest L. Anderson, Owner,  
Sharon, California.

**Silveira Transportation Company.**

J. C. Silveira, Owner,  
Orwood, California.

**Southwest Warehouse.**

Chas. J. Haines, Proprietor,  
Santa Monica, California.

**Spreckels Bros. Commercial Company.**

John D. Spreckels, President;  
Ernest E. White, Secretary,  
San Diego, California.



**Sunol Warehouse Company.**

Arthur C. Day, Owner,  
Sunol, California.

**Stam Warehouse Company.**

Chas. F. Silva, Geo. J. Stam, H. M. Enos, Owners,  
1513 Front street, Sacramento, California.

**Tenth Street Warehouse Company.**

J. C. Dumbreck, President ;  
A. D. Laughlin, Secretary ;  
W. H. French, Treasurer,  
Business address, 2131 Third avenue, Los Angeles.

**Tremont Warehouse Company.**

L. Gottheimer, Lessee,  
Dixon, California.

**Vallejo Bonded & Free Warehouses.**

Landry and Stewart, Proprietors,  
Broadway and Battery streets, San Francisco.

**Vehmeyer Transportation Company.**

R. H. Vehmeyer, Managing Owner,  
26 West Weber avenue, Stockton, California.

**Visalia Milling Company.**

M. J. Lally, Manager,  
Visalia, California.

**Wallenrod, George.**

Third and Berry streets, San Francisco.

**Western Wool Warehouse Company.**

A. Perry, Proprietor,  
561 Sixth street, San Francisco.

**Wilder, Jim.**

Third and Channel streets, San Francisco.

**Winters Warehouse.**

E. B. Hart, Owner,  
Winters, California.

**Woodland Warehouses.**

Geo. A. Ogden, Owner,  
Woodland, California.

**Wheeler Transportation Co.**

R. J. Wheeler, Owner,  
Stockton, California.

TABLE NO. 1.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Associated Terminals Company	Baker and Company, Incorporated	Baker Bowers Warehouse Company	Behlman Warehouse Company	Caldwell Warehouse Company	California Navigation and Improvement Company	California Wharf and Warehouse Company	California Transportation Company
<i>Assets.</i>								
Organization franchises and patent rights	\$249,796 45			\$123 67	\$25,000 00	\$182,682 90	\$412,500 00	\$109,415 46
Cost of plant, buildings and lands	17,265 02	\$11,217 24	\$9,098 14	1,373 94	2,143 67	207,206 13	4,360 00	840,066 98
Equipment		4,300 00	134 96					44,538 81
Miscellaneous								
Total fixed capital	\$267,061 47	\$15,517 24	\$9,233 10	\$1,497 61	\$27,143 67	\$389,889 03	\$416,860 00	\$994,011 25
Treasury securities						293,600 00		
Other investments						40,100 00	3,400 00	
Cash	28,133 29	2,160 86	4,264 02	1,172 70	1,334 04	26,376 52	427 26	57,506 43
Notes and accounts receivable	86,851 16	5,180 37	3,439 51	3,181 66	4,381 16	103,699 56	104,063 12	22,881 19
Material and supplies	3,571 39	11,511 76				20,597 07	1,375 53	3,318 60
Miscellaneous	2,576 22					14,972 46	19,596 30	113,512 44
Deferred debit items		1,648 97						
Deficit								
Totals	\$388,193 53	\$36,019 19	\$16,926 63	\$5,851 96	\$32,858 87	\$889,234 63	\$545,712 21	\$1,191,229 96
<i>Liabilities.</i>								
Capital stock	\$250,000 00	\$14,300 00	\$10,000 00	\$3,000 00	\$25,000 00	\$600,000 00	\$250,000 00	\$500,000 00
Funded debt								
Assessment								
Loans and notes payable		10,000 00		1,800 00	1,816 82			10,000 00
Accounts payable	18,017 22	963 41	76 22	123 50	2,336 96	22,903 43	134,807 64	137,496 71
Miscellaneous								
Accrued liabilities not due								
Deferred credit items	114,315 17	3,240 19		350 68		168,535 25	125,000 00	2,919 01
Surplus	5,861 14	7,515 59	6,860 41	577 78	3,705 09	97,796 96	36,404 57	329,372 66
Totals	\$388,193 53	\$36,019 19	\$16,926 63	\$5,851 96	\$32,858 87	\$889,234 63	\$545,712 21	\$1,191,229 96

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Callaghan Warehouse Company	Canners Warehouse Company <sup>1</sup>	Chinn Warehouse Company <sup>2</sup>	Coggeshall Launch and Towboat Company	Crescent City Wharf and Dock Company	Crescent Wharf and Warehouse Company	Crows Landing Warehouse Company	Deaville Warehouse and Lumber Company
<i>Assets.</i>								
Organization, franchises and patent rights.....						\$16,500 00		
Cost of plant, buildings and lands.....	\$4,000 00			\$2,094 45	\$44,048 50	12,000 00	\$5,650 00	\$11,300 00
Equipment.....	260 00			86,183 21		3,870 00		3,220 36
Miscellaneous.....						256 13		
Total fixed capital.....	\$4,260 00			\$88,277 66	\$44,048 50	\$32,626 13	\$5,650 00	\$14,520 36
Treasury securities.....					18,295 10	125,000 00		
Other investments.....							100 00	
Cash.....				838 58	1,678 88	1,960 12	9 43	1,233 56
Notes and accounts receivable.....				4,507 42	2,065 74	10,198 62		16,980 24
Material and supplies.....						694 66		5,960 13
Miscellaneous.....						2,748 01		
Deferred debit items.....						134,883 58		
Deficit.....								
Totals.....	\$4,260 00			\$93,623 66	\$66,078 23	\$308,020 14	\$5,759 43	\$87,698 42
<i>Liabilities.</i>								
Capital stock.....	\$4,260 00				\$50,000 00	\$300,000 00	\$5,650 00	\$10,000 00
Funded debt.....								
Assessment.....								
Loans and notes payable.....				17,500 00				
Accounts payable.....				4,978 91	683 50	8,690 14		15,357 65
Miscellaneous.....				12,000 00			100 00	2,876 74
Accrued liabilities not due.....								
Deferred credit items.....				9,144 75	15,394 72			
Surplus.....							9 43	9,459 03
Totals.....	\$4,260 00			\$98,623 66	\$66,078 23	\$308,020 14	\$5,759 43	\$37,698 42

<sup>1</sup>Not operating.  
<sup>2</sup>Warehouse leased to Deacon Lumber Company.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Davies Warehouse Company	Dealers' Grain and Warehouse Company	Delta Warehouse Company	De Pus Warehouse Company	East San Pedro Warehouse Company	Etcheverry Warehouse Company	Farmers' Alliance Business Association	Farmers' Cooperative Union of Butte County
<i>Assets.</i>								
Organisation, franchises and patent rights								
Cost of plant, buildings and lands	\$12,887 16	\$6,133 51	\$298,532 20	\$178,724 52		\$40,413 00	\$14,455 94	\$29,973 00
Equipment	2,635 10	29 60		37,798 45		5,695 84	4,147 57	1,098 30
Miscellaneous								
Total fixed capital	\$15,522 26	\$6,163 11	\$298,532 20	\$216,522 97		\$46,108 84	\$18,603 51	\$31,071 30
Treasury securities		13,605 00					2,300 00	
Other investments								
Cash	466 94	150 26	2,826 23	2,116 85		10,774 25	5,875 08	9 20
Notes and accounts receivable	8,659 99	1,464 54	2,753 65	56,039 66		69,469 33	11,874 37	
Material and supplies				11,614 01		36,067 34	4,876 04	
Miscellaneous				4,900 45		4,792 50		
Deferred debit items	25,000 00				\$5,000 00			
Deficit		1,959 60	18,180 16					5,336 79
Totals	\$49,649 19	\$33,342 51	\$322,292 24	\$291,193 94	\$5,000 00	\$167,212 26	\$43,529 00	\$36,417 29
<i>Liabilities.</i>								
Capital stock	\$40,000 00	\$20,000 00	\$155,700 00	\$63,000 00	\$5,000 00	\$40,000 00	\$15,160 00	\$25,000 00
Funded debt								
Assessment								
Loans and notes payable		3,342 51	165,600 00	59,500 00			13,000 00	
Accounts payable	2,782 97		165 07	14,465 43		79,000 00	2,293 93	11,417 29
Miscellaneous	1,690 00			162,987 29		14,508 39		
Accrued liabilities not due			827 17					
Deferred credit items	4,946 22			41,230 17				
Surplus	240 00			50,011 05		33,703 87	13,075 07	
Totals	\$49,649 19	\$33,342 51	\$322,292 24	\$291,193 94	\$5,000 00	\$167,212 26	\$43,529 00	\$36,417 29

<sup>1</sup>Includes \$43,743.66 appreciated value in fixed capital.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Farmers' Warehouse Company of Altamont	Farmers' Warehouse Company	Fresno Warehouse Company	Gilroy Commercial Company	Globe Warehouse Company	Grangers' Business Association	Hall Warehouse Company	The Haslett Warehouse Company
<i>Assets.</i>								
Organization, franchises and patent rights								\$16,950 00
Cost of plant, buildings and lands	\$4,879 83	\$10,700 00	\$65,533 99	\$9,778 67		\$171,992 13	\$67,598 44	
Equipment	616 60	350 00		187 46	1,776 21			135,793 27
Miscellaneous								
Total fixed capital	\$5,496 43	\$11,050 00	\$65,533 99	\$9,966 13	\$1,776 21	\$171,992 13	\$67,598 44	\$152,743 27
Treasury securities								
Other investments								4,558 80
Cash	335 99	10 78	1,096 13	865 70	569 51		2,010 00	10,445 38
Notes and accounts receivable			92,533 49	8,385 21	24,982 86	35,025 00	23,594 28	241,343 14
Material and supplies				1,576 75	59 68	302 50	16,908 53	1,625 52
Miscellaneous			226 53	1 12		994 38	4,213 61	
Deferred debit items						30,454 16		
Deficit				6,666 65		5,549 38		
Totals	\$5,832 42	\$11,060 78	\$159,390 14	\$27,461 56	\$27,388 26	\$244,317 55	\$114,388 05	\$410,716 11
<i>Liabilities.</i>								
Capital stock								\$100,000 00
Funded debt								
Assessment								
Loans and notes payable								
Accounts payable								
Miscellaneous	1,656 00			6,961 56	14,776 62	25,000 00	27,807 89	7,867 08
Accrued liabilities not due						10,807 55	4,332 28	62,201 52
Deferred credit items								
Surplus	576 42	350 00	37,498 74					12,727 14
		10 78	46,891 40		12,111 64			82,800 46
Totals	\$5,832 42	\$11,060 78	\$159,390 14	\$27,461 56	\$27,388 26	\$244,317 55	\$114,388 05	\$410,716 11

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	The Hogue Kellogg Company	Huntington Beach Warehouse Company	Imperial Grain and Warehouse Company	Intrastate Warehouse Company	Larkin Transportation Company	The Lathrop Hay Company	Lawrence Warehouse Company	Lompoc Warehouse Company
<i>Assets.</i>								
Organization, franchises and patent rights							\$48,731 16	
Cost of plant, buildings and lands	\$57,651 66	\$17,250 00	\$38,630 56	\$3,808 13	\$45,798 13	\$76,000 00	1,200 00	\$22,766 70
Equipment		3,000 00			497 75		48,066 35	8,474 16
Miscellaneous								
Total fixed capital	\$57,651 66	\$20,250 00	\$38,630 56	\$3,808 13	\$46,295 88	\$76,000 00	\$97,967 51	\$31,240 86
Treasury securities							2,640 00	
Other investments	11,450 00	1,465 00				3,856 25	1,103 00	
Cash	2,126 01	708 82			422 16	2,318 25	2,902 62	3,647 27
Notes and accounts receivable	22,247 69	6,389 89	11,924 49	300 00	5,999 32	17,237 16	96,235 41	34,732 24
Material and supplies	99,478 07	930 23				488 75	5,649 62	22,789 60
Miscellaneous		34 29			186 67			
Deferred debit items					4,308 14		5,312 24	
Deficit								
Totals	\$192,953 43	\$29,778 23	\$50,555 06	\$4,108 13	\$57,212 17	\$99,910 41	\$211,830 40	\$92,399 97
<i>Liabilities.</i>								
Capital stock	\$50,000 00	\$18,000 00	\$45,800 00	\$4,100 00	\$42,600 00	\$50,000 00	\$50,000 00	\$38,700 00
Funded debt								
Assessment								
Loans and notes payable	111,781 60				1,500 00	13,000 00	40,000 00	25,500 00
Accounts payable		1,103 23		8 13	4,378 09	6,735 27	39,637 08	20,619 25
Miscellaneous					273 21	26,000 00	47,657 31	
Accrued liabilities not due		124 39			146 25			
Deferred credit items		4,022 37			4,912 18		12,693 67	
Surplus	31,171 83	6,677 02	4,755 06		3,402 44	4,176 14	21,842 34	7,590 72
Totals	\$192,953 43	\$29,778 23	\$50,555 06	\$4,108 13	\$57,212 17	\$99,910 41	\$211,830 40	\$92,399 97

<sup>1</sup>Debit item.  
<sup>2</sup>Appreciated value in fixed capital.  
<sup>3</sup>Includes \$36,000 appreciated value in fixed capital.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Long Beach Transfer and Warehouse Company	Los Angeles Harbor Warehouse Company	Los Angeles Valley Warehouse Company	Los Angeles Warehouse Company	Madison Warehouse Company	Marian Milling Company	The Martinez- Benicia Ferry and Transportation Company	Mission Warehouse Company
<i>Assets.</i>								
Organization, franchises and patent rights	\$25,000 00	\$190 85	\$30 00	\$331,471 21	\$19,481 95	\$35,787 21	\$106,243 12	\$5,169 73
Cost of plant, buildings and lands	113,272 45	89,805 53		22,058 38	1,914 73	6,788 94		
Equipment	40,359 71					914 86		
Miscellaneous								
Total fixed capital	\$178,632 16	\$89,996 38	\$30 00	\$353,529 59	\$21,396 68	\$43,491 01	\$106,243 12	\$5,169 73
Treasury securities								
Other investments								
Cash	3,528 65	1,101 10		100 00		825 42	14,676 00	
Notes and accounts receivable	6,429 87	134 37		350 00	1,231 23	13,156 94	3,206 38	
Material and supplies				98,108 56		5,514 28	2,500 00	972 70
Miscellaneous	8,021 37			55 06			6,268 62	
Deferred debit items				365,000 00		37,654 43		
Deficit	10,964 76							
Totals	\$207,576 81	\$91,231 85	\$30 00	\$817,143 21	\$22,617 91	\$100,642 08	\$132,894 12	\$6,142 43
<i>Liabilities.</i>								
Capital stock	1937,630 00	\$56,800 00	\$30 00	\$500,000 00	\$3,500 00	\$11,260 00	\$50,000 00	\$4,300 00
Funded debt	80,000 00	30,000 00		100,000 00				
Assessment								
Loans and notes payable	13,451 71					70,317 79	21,000 00	
Accounts payable	11,109 72			21,887 21		19,064 29	11 36	477 51
Miscellaneous	48,966 03				18,642 37			
Accrued liabilities not due	466 52							
Deferred credit items	15,962 83			8,118 25			57,219 39	51 70
Surplus		4,631 85		187,137 75	475 54		4,653 37	1,313 22
Totals	\$207,576 81	\$91,231 85	\$30 00	\$817,143 21	\$22,617 91	\$100,642 08	\$132,894 12	\$6,142 43

<sup>1</sup>Includes \$23,960 installments.  
<sup>2</sup>Appreciated value in fixed capital.

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Monticello Steamship Company	Murietta Valley Elevator Company	Natoma Warehouses	Outer Harbor Dock and Wharf Company	Pacific Commercial Warehouse, Incorporated	Palo Verde Warehouse and Storage Company	Pacific Steamship Company	Henry C. Peterena, Incorporated
<i>Assets.</i>								
Organization, franchises and patent rights.....		\$613 90					\$1,000,000 00	
Cost of plant, buildings and lands.....	\$1,363,178 19	16,803 51		\$4,293,208 78				
Equipment.....	32,473 60	6,140 17		75,316 55		\$774 66	8,409,814 22	\$475,181 91
Miscellaneous.....				387,144 35				7,827 00
Total fixed capital.....	\$1,395,651 79	\$23,557 67		\$4,755,669 68		\$774 66	\$9,409,814 22	\$483,008 91
Treasury securities.....							175,122 34	
Other investments.....					10,000 00	125 00		
Cash.....	30,606 46	834 61		28,056 77	12,940 98	524 99	1,584,160 50	34 972 51
Notes and accounts receivable.....	3,830 32	1,744 16		96,041 33	30,663 56	4,657 45	1,473,849 90	45,629 85
Material and supplies.....	26,839 38	2,240 98					204,711 06	
Miscellaneous.....								8,742 90
Deferred debit items.....			\$40 00	102 00			477,893 39	
Deficit.....			2,300 00	1,103,103 54			1,821,184 65	43,845 11
Totals.....	\$1,456,927 95	\$28,377 42	\$2,340 00	\$5,982,973 32	\$53,634 54	\$6,082 10	\$15,146,736 06	\$616,199 28
<i>Liabilities.</i>								
Capital stock.....	\$600,000 00	\$13,500 00	\$40 00	\$2,625,150 00	\$50,000 00	\$1,000 00	\$5,000,000 00	\$442,600 00
Funded debt.....				880,000 00			4,404,400 11	
Assessment.....			2,300 00					
Loans and notes payable.....	90,000 00	12,750 00		2,171,889 12		500 00	792,850 40	19,753 00
Accounts payable.....	42,011 12	251 11		302,093 05	2,161 68	286 60	1,231,856 62	12,898 03
Miscellaneous.....							536,136 65	
Accrued liabilities not due.....				3,841 15			108,732 85	
Deferred credit items.....	255,995 78					287 67		140,948 25
Surplus.....	468,921 06	1,876 31			1,472 86	4,007 83	3,072,759 43	
Totals.....	\$1,456,927 95	\$28,377 42	\$2,340 00	\$5,982,973 32	\$53,634 54	\$6,082 10	\$15,146,736 06	\$616,199 28



TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Pertins Grain and Milling Company	Pierce Warehouse Company	Port Costa Wharf Company	Producers' Transportation Company	Producers' Warehouse, Incorporated	Rancho Steamship Company	The Richmond and San Rafael Ferry and Transportation Company	Rodeo-Vallejo Ferry Company
<i>Assets.</i>								
Organisation, franchises and patent rights.....	\$4,893 13	\$33,700 00		\$33,850 00			\$5,000 00	\$8,813 55
Cost of plant, buildings and lands.....	6,173 01	300 00			\$6,989 10		34,240 65	477,563 62
Equipment.....							161,276 54	
Miscellaneous.....							726 05	635 75
Total fixed capital.....	\$11,066 14	\$34,000 00		\$33,850 00	\$6,989 10	\$60,000 00	\$201,243 24	\$487,012 92
Treasury securities.....								
Other investments.....								
Cash.....		14 85	739 13	21 93	263 08	164 06	37,677 74	417 27
Notes and accounts receivable.....	64,603 27		63,077 88	1,806 94	4,325 57	77,527 79	892 30	50,858 89
Material and supplies.....	5,219 79			2,243 86			188 72	
Miscellaneous.....				589 06		1,015 28	544 50	12,614 63
Deferred debit items.....								31,785 00
Deficit.....		647 32		9,864 04	208 52			4,346 08
Totals.....	\$80,789 20	\$34,662 17	\$63,817 01	\$48,375 83	\$11,786 27	\$138,707 13	\$240,546 50	\$587,034 79
<i>Liabilities.</i>								
Capital stock.....	\$16,000 00	\$34,000 00	\$15,000 00	\$25,000 00	\$11,000 00	\$101,100 00	\$200,000 00	\$400,000 00
Funded debt.....								
Assessment.....		662 17						
Loans and notes payable.....	17,500 00			16,720 23				123,476 33
Accounts payable.....	19,766 16			6,655 61		1,329 26	7,143 18	35,100 41
Miscellaneous.....								
Accrued liabilities not due.....					786 27		11,000 00	
Deferred credit items.....			48,817 01			18,525 00	17,425 31	28,458 05
Surplus.....	27,523 04					17,752 87	4,978 01	
Totals.....	\$80,789 20	\$34,662 17	\$63,817 01	\$48,375 83	\$11,786 27	\$138,707 13	\$240,546 50	\$587,034 79

TABLE NO. 1—Continued.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Sacramento Navigation Company	Sacramento Transportation Company	Sacramento River Warehouse Company	San Diego and Coronado Ferry Company	The San Francisco and Portland Steamship Company	San Francisco Warehouse Company	San Miguel Flouring Mill Company	San Pedro Transportation Company
<i>Assets.</i>								
Organization franchises and patent rights.....	\$700 00		\$233,850 00	\$379,795 47		\$40,000 00		\$1,000 00
Cost of plant, buildings and lands.....	10,327 08	\$326,326 25		201,632 92	\$276,541 88	23,374 89	\$32,260 69	1,138 00
Equipment.....				638 58				103,064 15
Miscellaneous.....								
Total fixed capital.....	\$11,027 08	\$326,326 25	\$233,850 00	\$582,051 07	\$276,541 88	\$63,374 89	\$32,260 69	\$104,192 15
Treasury securities.....								
Other investments.....								
Cash.....	4,449 47	36,397 20	4,346 80	489 26	102,852 96	6,460 00	1,398 09	13,059 46
	59,104 63	18,289 61	2,828 23	3,510 35	557,487 94	17,159 66	3,489 25	3,115 89
		174,451 62		2,911 03	7,343 87	25,690 42	11,564 03	308 06
		16,086 77	503 33	20,519 01	1,495 34		3,630 29	244 80
		53,053 62	12,517 35		1,538,064 95			40,000 00
Deficit.....	27,712 84		11,715 45				3,092 83	
Totals.....	\$102,354 01	\$1,129,565 07	\$266,291 20	\$709,580 73	\$2,483,776 94	\$111,090 97	\$45,355 18	\$161,421 96
<i>Liabilities.</i>								
Capital stock.....	\$700 00	\$620,000 00	\$300 00	\$250,000 00	\$500,000 00	\$40,000 00	\$25,000 00	\$50,000 00
Funded debt.....								
Assessment.....								
Loans and notes payable.....		125,000 00				8,335 61	13,800 00	10,000 00
Accounts payable.....		125,729 19	245,670 36	233,015 87	58,911 71		7,545 18	
Miscellaneous.....	161,654 01				804 78			
Accrued liabilities not due.....					1,440 00	2,922 55		
Deferred credit items.....			20,320 94	77,503 26	1,116,712 38	20,708 18		45,081 97
Surplus.....		258,835 88		149,061 59	774,206 07	34,272 63		56,300 61
Totals.....	\$102,354 01	\$1,129,565 07	\$266,291 20	\$709,580 73	\$2,483,776 94	\$111,090 97	\$45,355 18	\$161,421 96



TABLE NO. 1-Continued.

ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	Six Minute Ferry	Southern Pacific Milling Company	Southwestern Wharf Company	Spencer and Ayer, Incorporated	Star and Crescent Boat Company	State Warehouse Company	Stearns Wharf Company
<i>Assets.</i>							
Organization, franchises and patent rights.....	\$138,510 61	\$638,828 26	\$191,000 00	\$2,500 00	\$14,150 56		\$150,000 00
Cost of plant, buildings and lands.....	149,409 06		11,099 96	500 00	69,790 00		
Equipment.....	1,240 00						
Miscellaneous.....							
Total fixed capital.....	\$289,159 67	\$638,828 26	\$202,099 96	\$3,000 00	\$83,940 56		\$150,000 00
Treasury securities.....							
Other investments.....		529,740 77			12,000 00		
Cash.....	8,777 28	78,485 57	809 20	52 46	2,769 95		3,672 19
Notes and accounts receivable.....	1,316 04	453,306 10	43,253 56	763 84	3,590 67	\$6,901 19	
Material and supplies.....		5,604 12	1,251 69		831 08		
Miscellaneous.....	2,300 91	44,701 19	2,580 57				150,000 00
Deferred debit items.....							
Deficit.....							
Totals.....	\$301,553 90	\$1,730,666 01	\$249,994 98	\$3,816 30	\$103,122 26	\$6,901 19	\$303,672 19
<i>Liabilities.</i>							
Capital stock.....	\$200,000 00	\$765,300 00	\$100,000 00	\$3,000 00	\$75,000 00	\$30 00	\$300,000 00
Funded debt.....							
Assessment.....							
Loans and notes payable.....	77,500 00	324,300 00			6,000 00		
Accounts payable.....	15,017 40	35,664 73	5,442 31	614 78	9,499 09	4,520 40	
Miscellaneous.....	2,094 94	81,825 64	199,864 53		410 00		
Accrued liabilities not due.....							
Deferred credit items.....			7,565 60				
Surplus.....	6,941 56	523,575 64	37,122 54	201 52	12,213 17	2,350 79	3,672 19
Totals.....	\$301,553 90	\$1,730,666 01	\$249,994 98	\$3,816 30	\$103,122 26	\$6,901 19	\$303,672 19

<sup>1</sup>Appreciated value in fixed capital.

TABLE NO. 1—Concluded.  
ABSTRACT OF BALANCE SHEETS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA AS OF DECEMBER 31, 1920.

	The Union Terminal Warehouse Company	Ventura Wharf and Warehouse Company	White Flyer Line	Willows Warehouse Association	Wilmington Transportation Company	Zelzah Warehouse Company	Total
<i>Assets.</i>							
Organization, franchises and patent rights.....	\$4,529 79	\$38,881 51		\$50,000 00	\$20,459 40	\$10,472 07	\$1,207,783 57
Cost of plant, buildings and lands.....	10,306 44	7,586 24	\$178,993 49		1,338,220 21	5,447 81	12,124,685 94
Equipment.....	6,641 62		1,410 58	39,128 35			13,314,249 01
Miscellaneous.....							497,136 95
Total fixed capital.....	\$21,477 85	\$46,467 75	\$180,404 07	\$89,128 35	\$1,358,679 61	\$15,919 88	\$27,143,855 47
Treasury securities.....							630,562 44
Other investments.....	106 00	2,071 52					687,646 63
Cash.....	5,984 77	951 09	4,690 39	12,190 06	3,294 93	140 67	2,223,324 93
Notes and accounts receivable.....	116,737 16	26,839 26	8,275 14	2,076 35	35,542 16	9,227 59	4,801,388 48
Material and supplies.....	300 00	15,160 09			10,057 90	474 70	567,469 74
Miscellaneous.....	1,092 09		2,445 61	2,679 67	347 42	110 93	365,588 20
Deferred debit items.....					23,949 91		2,693,548 76
Deficit.....			24,561 07				3,280,801 84
Totals.....	\$145,696 87	\$91,489 71	\$220,376 28	\$106,074 43	\$1,431,871 93	\$25,873 77	\$42,394,186 49
<i>Liabilities.</i>							
Capital stock.....	\$50,000 00	\$60,000 00	\$62,500 00	\$50,000 00	\$302,500 00	\$15,000 00	\$17,204,070 00
Funded debt.....					600,000 00		6,094,400 11
Assessment.....			50,830 00			1,500 00	65,292 17
Loans and notes payable.....		5,000 00	71,670 00	8,500 00	5,300 00	6,000 00	4,681,907 12
Accounts payable.....	67,568 89	15,427 01	35,376 28		116,496 36	1,067 59	3,401,329 55
Miscellaneous.....					333 59		941,422 34
Accrued liabilities not due.....							144,898 25
Deferred credit items.....	8,002 70				187,045 59		5,927,358 57
Surplus.....	20,125 28	11,062 70		47,574 43	220,196 39	2,306 18	3,933,508 38
Totals.....	\$145,696 87	\$91,489 71	\$220,376 28	\$106,074 43	\$1,431,871 93	\$25,873 77	\$42,394,186 49



TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
 ENDING DECEMBER 31, 1920.

	Callaghan Warehouse Company	Cannons Warehouse Company <sup>1</sup>	China Warehouse Company's	Conestoga Launch and Towboat Company	Crescent City Wharf and Dock Company	Crescent Wharf and Warehouse Company	Crows Landing Warehouse Company	Danville Warehouse and Lumber Company
Operating revenue.....	\$1,844 01		\$32,849 57	\$20,083 11	\$24,890 79	\$13,246 37	\$2,122 74	\$11,405 20
Operating expenses .....	1,784 47		29,862 11	17,193 49	27,946 80	4,607 22	2,112 90	12,894 90
Net operating revenue.....	\$109 54		\$3,487 46	\$3,789 62	\$3,065 71	\$8,599 15	\$9 84	
Net operating loss.....								\$1,399 70
Nonoperating revenue .....			29,900 00					
Gross corporate income.....			\$33,387 46	\$3,789 62	\$3,065 71	\$8,599 15		
Gross corporate loss.....								\$1,399 70
Interest accrued on funded debt .....								
Other interest .....								
Miscellaneous .....								
Total deductions .....								
Net corporate income.....	\$109 54		\$33,387 46	\$3,789 62	\$3,065 71	\$8,599 15	\$9 84	\$1,399 70
Net corporate loss .....								
Dividends .....	109 54		56,000 00		6,000 00		1,356 00	8,960 13
Surplus .....			4,785 80		2,082 90			
Deficit on December 31, 1920.....			19,934 99	5,355 13	22,401 83	227,008 58	1,356 80	4,898 60
			46,848 51	9,144 75	15,394 72	83,534 86	9 43	9,458 03

<sup>1</sup>Not operating.  
 Warehouse leased to Deacon Lumber Company, December 31, 1920.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
 ENDING DECEMBER 31, 1928.

	Davis Warehouse Company	Dealers' Grain and Warehouse Company	Delta Warehouse Company	De Pua Warehouse Company	East San Pedro Warehouse Company	Etcheberry Warehouse Company	Farmers' Alliance Business Association	Farmers' Co-operative Union of Butte County <sup>1</sup>
Operating revenue.....	\$32,433 18	\$6,066 80	\$31,523 03	\$165,476 92	.....	\$12,276 26	\$16,923 04	\$4,466 15
Operating expenses.....	28,728 71	5,397 59	30,455 29	176,904 28	\$4,896 03	22,742 56	11,470 01	4,774 04
Net operating revenue.....	\$3,704 47	\$689 21	.....	\$8,572 64	.....	.....	\$5,453 04	.....
Net operating loss.....	.....	.....	\$7,931 66	.....	\$4,896 03	\$4,467 31	.....	\$307 89
Nonoperating revenue.....	.....	.....	.....	2,995 43	.....	15,061 23	.....	.....
Gross corporate income.....	.....	.....	.....	.....	.....	.....	.....	.....
Gross corporate loss.....	\$3,704 47	\$689 21	\$7,931 66	\$11,568 07	\$4,896 03	\$10,593 92	\$5,453 04	\$307 89
Interest accrued on funded debt.....	.....	.....	.....	.....	.....	.....	.....	.....
Other interest.....	.....	.....	.....	\$3,555 10	.....	\$2,007 46	.....	.....
Miscellaneous.....	.....	.....	.....	2,867 42	.....	1,970 90	.....	.....
Total deductions.....	.....	.....	.....	\$6,422 52	.....	\$4,978 30	.....	.....
Net corporate income.....	\$3,704 47	\$689 21	\$8,731 66	\$5,145 55	\$4,896 03	\$5,615 62	\$5,453 04	\$307 89
.....	.....	.....	.....	14,300 00	.....	5,000 00	.....	.....
.....	.....	.....	.....	3,925 63	.....	.....	.....	.....
.....	2,426 00	.....	9,448 50	6,436 63	.....	3,169 46	.....	.....
.....	1,039 47	2,648 81	.....	61,676 49	104 97	36,256 70	7,623 03	123 06
.....	240 00	1,959 00	13,180 16	30,011 06	5,000 00	23,703 87	13,075 07	4,907 40
.....	.....	.....	.....	.....	.....	.....	.....	5,336 79

<sup>1</sup>To September 30, 1930 only. Operated then by W. M. Doty.



TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

	Farmers' Warehouse Company of Altamont	Farmers' Warehouse Company	Fresno Warehouse Company	Gilroy Commercial Company	Globe Warehouse Company	Grangers Business Association	Hall Warehouse Company	The Hallett Warehouse Company
Operating revenue.....	\$2,332 42	\$800 00	\$1,141 35	\$32,767 16	\$32,965 32	\$38,180 34	\$11,882 46	\$555,502 88
Operating expenses.....	1,274 62	310 30	2,762 92	34,454 96	28,329 27	44,323 53	13,594 07	519,082 23
Net operating revenue.....	\$1,057 80	\$489 70	.....	.....	\$4,636 05	.....	.....	\$36,420 65
Net operating loss.....	.....	.....	\$1,621 57	\$1,687 79	.....	\$6,143 19	\$1,711 61	.....
Nonoperating revenue.....	.....	.....	.....	.....	.....	2,147 90	.....	17,711 35
Gross corporate income.....	\$1,057 80	\$489 70	.....	.....	\$4,636 05	.....	.....	\$54,132 00
Gross corporate loss.....	.....	.....	\$1,621 57	\$1,687 79	.....	\$3,995 29	\$1,711 61	.....
Interest accrued on funded debt.....	.....	.....	.....	.....	.....	.....	.....	.....
Other interest.....	\$15 20	.....	.....	.....	.....	.....	.....	.....
Miscellaneous.....	.....	.....	\$3,822 88	.....	.....	.....	.....	.....
Total deductions.....	\$15 20	.....	\$3,822 88	.....	.....	.....	.....	.....
Net corporate income.....	\$1,042 60	\$489 70	.....	.....	\$4,636 05	.....	.....	\$54,132 00
Net corporate loss.....	.....	.....	\$5,444 45	\$1,687 79	.....	\$3,995 29	\$1,711 61	22,000 00
Dividends.....	312 00	481 00	.....	.....	.....	.....	.....	1,425 60
Miscellaneous additions to surplus.....	.....	.....	.....	.....	.....	.....	.....	12,727 14
Miscellaneous deductions from surplus.....	.....	.....	.....	.....	.....	.....	.....	124,289 45
Surplus on December 31, 1919.....	.....	2 08	52,335 85	.....	7,475 59	17,691 64	33,959 49	.....
Deficit on December 31, 1919.....	154 18	.....	.....	.....	.....	16,137 55	.....	.....
Surplus on December 31, 1920.....	576 42	10 78	46,891 40	4,978 86	12,111 64	.....	32,247 88	145,119 91
Deficit on December 31, 1920.....	.....	.....	.....	6,666 65	.....	5,549 38	.....	.....

TABLE NO. 2—Continued.

ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

	The Hogue Kellogg Company	Huntington Beach Warehouse Company	Imperial Grain and Warehouse Company <sup>1</sup>	Intrastate Warehouse Company	Larkin Transportation Company	The Lathrop Hay Company	Lawrence Warehouse Company	Lompoc Warehouse Company
Operating revenue.....	\$174,531 01	\$18,014 06		\$935 48	\$66,286 94	\$14,490 06	\$290,117 55	\$30,545 62
Operating expenses.....	201,491 61	14,980 75		935 48	62,335 66	16,177 23	284,406 33	49,511 52
Net operating revenue.....		\$3,033 30			\$3,931 28		\$5,711 22	
Net operating loss.....	\$26,960 60					\$1,687 17		\$18,965 90
Nonoperating revenue.....						17,164 36		
Gross corporate income.....		\$3,033 30			\$3,931 28	\$15,477 19	\$5,711 22	\$18,965 90
Gross corporate loss.....	\$26,960 60							
<i>Deductions.</i>								
Interest secured on funded debt.....								
Other interest.....					\$528 84	\$268 86	\$2,667 79	
Miscellaneous.....	\$53,713 39					1,291 65		
Total deductions.....	\$53,713 39				\$528 84	\$1,560 50	\$2,667 79	
Net corporate income.....		\$3,033 30			\$3,402 44	\$13,916 69	\$3,023 43	\$18,965 90
Net corporate loss.....	\$80,673 99	2,160 00						
Dividends.....	10,000 00							
Miscellaneous additions to surplus.....								
Miscellaneous deductions from surplus.....								
Surplus on December 31, 1919.....	101,845 82	5,803 72				43,766 45	1,777 90	26,546 62
Deficit on December 31, 1919.....								
Surplus on December 31, 1920.....	31,171 83	6,677 02			3,402 44	4,175 14	21,842 34	7,580 72
Deficit on December 31, 1920.....								

<sup>1</sup>Warehouse leased.

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

	Long Beach Transfer and Warehouse Company	Los Angeles Harbor Warehouse Company <sup>1</sup>	Los Angeles Valley Warehouse Company <sup>1</sup>	Los Angeles Warehouse Company	Madison Warehouse Company	Marian Milling Company	The Martinez- Benicia Ferry and Transportation Company	Mission Warehouse Company
Operating revenue.....	\$82,532 47			\$172,181 88	\$4,259 84	\$17,364 01	\$79,381 17	\$1,151 30
Operating expenses.....	84,361 89			112,343 23	3,518 03	25,601 79	107,779 58	790 77
Net operating revenue.....				\$59,838 65	\$741 81			\$360 53
Net operating loss.....	\$1,829 42					\$8,237 78	\$28,398 41	
Nonoperating revenue.....		\$7,874 06		4,526 99		159 41	1,429 28	
Gross corporate income.....		\$7,874 06		\$64,365 64	\$741 81			\$360 53
Gross corporate loss.....	\$1,829 42					\$8,078 37	\$26,969 13	
Interest accrued on funded debt.....	\$5,046 53	\$1,925 65						
Other interest.....	1,860 15			\$6,303 33		\$3,287 70	\$535 58	
Miscellaneous.....		2,204 40		348 77		26,260 31		\$51 70
Total deductions.....	\$6,906 68	\$4,220 05		\$6,652 10		\$29,548 01	\$535 58	\$51 70
Net corporate income.....		\$3,654 01		\$57,713 54	\$741 81			\$308 83
Net corporate loss.....	\$8,736 10					\$37,626 38	\$27,504 71	
Dividends.....		3,396 00		12,500 00			487 92	
Miscellaneous additions to surplus.....	500 00							
Miscellaneous deductions from surplus.....						9,046 35		
Surplus on December 31, 1919.....		4,373 84		141,924 21		9,018 30	31,670 16	1,004 39
Deficit on December 31, 1919.....	2,728 66				266 27			
Surplus on December 31, 1920.....		4,631 85		187,137 75	475 54		4,653 37	1,313 22
Deficit on December 31, 1920.....	10,964 76					37,654 43		

<sup>1</sup> Warehouse leased.  
<sup>2</sup> Non-operating.

TABLE[NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

	Monticello Steamship Company	Murietta Valley Elevator Company	Natoma Warehouses <sup>1</sup>	Outer Harbor Dock and Wharf Company	Pacific Commercial Warehouse	Pacific Steamship Company	Henry C. Peterson, Incorporated	Perkins Grain and Milling Company
Operating revenue.....	\$743,948 76	\$28,317 13	\$11,827 56	\$312,052 27	\$77,100 37	\$11,427,449 71	\$360,499 98	\$187,008 77
Operating expenses.....	562,449 46	25,563 87	14,127 56	313,936 36	60,320 55	11,553,596 86	269,381 19	180,044 42
Net operating revenue.....	\$181,499 30	\$2,753 26	.....	.....	\$16,779 82	.....	\$71,118 79	\$7,024 35
Net operating loss.....	.....	.....	\$2,300 00	\$1,884 09	.....	\$226,147 15	.....	.....
Nonoperating revenue.....	3,540 45	327 23	.....	.....	1,593 10	423,260 77	1,743 28	.....
Gross corporate income.....	\$185,039 75	\$3,080 49	.....	.....	\$18,372 92	\$197,113 62	\$72,862 07	\$7,024 35
Gross corporate loss.....	.....	.....	\$2,300 00	\$1,884 09	.....	.....	.....	.....
Interest accrued on funded debt.....	.....	.....	.....	\$44,500 00	.....	\$277,934 83	.....	.....
Other interest.....	\$7,273 36	\$678 48	.....	136,192 90	.....	69,262 32	\$3,976 92	.....
Miscellaneous.....	43,633 82	1,067 19	.....	.....	.....	49,030 80	80,990 53	.....
Total deductions.....	\$50,907 18	\$1,745 67	.....	\$180,692 90	.....	\$396,227 95	\$84,967 45	.....
Net corporate income.....	\$134,132 57	\$1,314 82	.....	.....	\$18,372 92	.....	.....	\$7,024 35
Net corporate loss.....	.....	.....	\$2,300 00	\$182,576 99	.....	\$199,114 33	\$12,105 38	.....
Dividends.....	24,000 00	.....	.....	.....	22,000 00	.....	50,000 00	.....
Miscellaneous additions to surplus.....	103,815 24	53 52	.....	.....	596 20	184,694 62	.....	.....
Miscellaneous deductions from surplus.....	33,813 61	.....	.....	.....	4,503 74	.....	.....	1,947 67
Surplus on December 31, 1919.....	288,786 85	507 97	.....	.....	.....	.....	18,260 27	22,446 36
Deficit on December 31, 1919.....	.....	.....	.....	920,526 55	.....	1,806,764 94	.....	.....
Surplus on December 31, 1920.....	468,921 05	1,876 31	.....	.....	1,472 86	.....	.....	27,523 04
Deficit on December 31, 1920.....	.....	.....	2,300 00	1,103,103 54	.....	1,821,184 65	43,845 11	.....

<sup>1</sup>From July 1, 1920 to December 31, 1920.

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

	Pierce Warehouse Company <sup>1</sup>	Port Costa Wharf Company	Producers' Transportation Company	Producers' Warehouse Incorporated	Remco Steamship Company	The Richmond and San Rafael Ferry and Transportation Company	Rodeo-Vallejo Ferry Company	Sacramento Navigation Company
Operating revenue.....		\$1,728 67	\$30,026 30	\$28,544 64	\$131,820 22	\$130,342 87	\$83,548 28	\$421 797 12
Operating expenses.....		862 42	35,742 31	29,428 65	131,446 25	84,705 51	92,389 44	449,509 96
Net operating revenue.....		\$866 25			\$373 97	\$45,637 36		
Net operating loss.....			\$5,716 01	\$884 01			\$8,841 16	\$27,712 84
Nonoperating revenue.....					3,145 75	316 38	1,542 98	
Gross corporate income.....					\$3,519 72	\$45,953 74		
Gross corporate loss.....		\$866 25	\$5,716 01	\$884 01			\$7,298 18	\$27,712 84
Interest accrued on funded debt.....								
Other interest.....								
Miscellaneous.....	\$910 88				\$294 88	\$18,768 60	\$1,924 38	
Total deductions.....	\$910 88				\$294 88	\$18,768 60	\$1,924 38	
Net corporate income.....		\$866 25			\$3,224 84	\$27,185 14		
Net corporate loss.....	\$910 88		\$5,716 01	\$884 01			\$9,222 56	\$27,712 84
Dividends.....						40,820 00	2,514 75	
Miscellaneous additions to surplus.....		35,000 00	20 50	261 75				
Miscellaneous deductions from surplus.....			65 18	937 24	6,426 28			
Surplus on December 31, 1919.....	263 56	12,950 76			20,954 31	18,612 87	7,391 23	
Deficit on December 31, 1919.....			4,103 35					
Surplus on December 31, 1920.....		48,817 01			17,752 87	4,978 01		
Deficit on December 31, 1920.....	647 32		9,864 04	208 52			4,346 08	27,712 84

<sup>1</sup>Not operating.

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
 ENDING DECEMBER 31, 1930.

	Sacramento Transportation Company	Sacramento River Warehouse Company	San Diego and Coronado Ferry Company	The San Francisco and Portland Steamship Company	San Francisco Warehouse Company	San Miguel Flouring Mill Company	San Pedro Transportation Company
Operating revenue.....	\$122,129 06	\$78,737 88	\$155,518 25	\$835,287 55	\$280,311 27	\$17,139 75	\$114,025 51
Operating expenses.....	146,182 34	63,225 28	100,000 40	811,368 91	251,354 44	19,848 18	101,935 74
Net operating revenue.....		\$15,502 60	\$55,517 79	\$23,918 64	\$38,956 83		\$12,089 77
Net operating loss.....	\$23,053 28		8,679 87	6,541 61	1,397 86	\$2,408 40	
Nonoperating revenue.....	32,476 76						
Gross corporate income.....	\$9,423 48	\$15,502 60	\$46,197 66	\$30,460 26	\$30,324 71	\$2,408 40	\$12,089 77
Gross corporate loss.....							
<i>Deductions.</i>							
Interest accrued on funded debt.....							
Other interest.....	\$9,127 70	\$15,966 17	\$1,805 69	\$23 83		\$214 60	
Miscellaneous.....	594 69	7,847 65	1,245 69	41,440 91			\$7,220 45
Total deductions.....	\$9,722 39	\$23,813 82	\$3,051 38	\$41,464 84		\$214 60	\$7,220 45
Net corporate income.....	\$206 91	\$8,311 23	\$43,146 28	\$11,004 29	\$30,324 71	\$2,408 40	\$4,869 32
Net corporate loss.....							
Surplus.....	20	631 39	165 79	497 47	\$26,200 00		\$3,647 63
Surplus.....	259,134 59		25,123 82	784,715 76	30,147 92		47,852 06
Surplus.....	258,835 88	4,026 03	149,061 59	774,208 07	34,272 63	469 89	56,300 01
Surplus.....		11,715 46				3,002 83	

TABLE NO. 2—Continued.  
ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
ENDING DECEMBER 31, 1920.

	Santa Fe Warehouse Company	Saticoy Warehouse Company	Sawtelle Warehouse Company	Seafoam Warehouse Company	Security Warehouse and Cold Storage Company	Shattuck and Nimmo Warehouse Company	South End Warehouse Company
Operating revenue.....	\$74,481 79	\$20,485 19	\$8,509 90	\$2,039 21	\$61,871 21	\$39,446 73	\$161,397 80
Operating expenses.....	67,697 45	21,373 48	4,963 80	1,913 65	35,668 96	31,292 24	123,439 36
Net operating revenue.....	\$6,784 34	.....	\$3,546 10	\$125 56	\$26,202 25	\$8,154 49	\$37,958 44
Net operating loss.....	.....	\$888 29	.....	.....	.....	.....	.....
Nonoperating revenue.....	.....	3,191 71	406 74	.....	.....	20,599 50	388 54
Gross corporate income.....	\$6,784 34	\$2,303 42	\$3,951 84	\$125 56	\$26,202 25	\$28,753 99	\$38,346 98
Gross corporate loss.....	.....	.....	.....	.....	.....	.....	.....
Deductions.							
Interest accrued on funded debt.....	.....	.....	.....	.....	.....	.....	.....
Other interest.....	.....	\$550 80	\$1,796 83	.....	\$861 59	.....	.....
Miscellaneous.....	.....	.....	13,899 09	.....	11,076 14	\$22,749 59	.....
Total deductions.....	.....	\$550 80	\$15,695 92	.....	\$11,936 73	\$22,749 59	.....
Net corporate income.....	\$6,784 34	\$1,752 62	.....	\$125 56	\$14,265 52	\$6,004 40	\$38,346 98
Net corporate loss.....	.....	.....	\$11,744 08	.....	.....	.....	.....
Dividends.....	4,000 00	.....	.....	.....	.....	.....	38,500 00
Miscellaneous additions to surplus.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous deductions from surplus.....	.....	.....	.....	.....	.....	.....	.....
Surplus on December 31, 1919.....	428 85	2,001 14	9,718 05	529 83	.....	11,733 04	12,606 27
Deficit on December 31, 1919.....	.....	.....	.....	.....	.....	.....	37,317 41
Surplus on December 31, 1920.....	3,213 19	3,753 76	.....	655 39	14,265 52	17,737 44	24,558 12
Deficit on December 31, 1920.....	.....	.....	2,026 03	.....	.....	.....	.....

TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
 ENDING DECEMBER 31, 1920.

	Six Minute Ferry	Southern Pacific Milling Company	Southwestern Wharf Company	Bronner and Ayer, Incorporated	Star and Crescent Boat Company	State Warehouse Company	Shenue Wharf Company
Operating revenue . . . . .	\$245,361 76	\$455,330 78	\$62,230 43	3816 30	\$114,054 94	\$18,417 06	\$19,194 03
Operating expenses . . . . .	199,193 33	390,351 27	65,656 80	514 78	111,391 54	18,174 54	18,543 77
Net operating revenue . . . . .	\$46,168 44	\$64,979 51	\$16,573 63	\$301 52	\$2,263 40	.....	\$5,650 26
Net operating loss . . . . .	.....	.....	.....	.....	.....	.....	.....
Nonoperating revenue . . . . .	3,967 73	20,416 40	.....	.....	2,194 47	\$2,757 46	.....
Gross corporate income . . . . .	\$50,176 16	\$85,404 91	\$16,573 63	\$301 52	\$2,263 40	.....	\$5,650 26
Gross corporate loss . . . . .	.....	.....	.....	.....	.....	.....	.....
<i>Deductions.</i>							
Interest accrued on funded debt . . . . .	.....	.....	.....	.....	.....	.....	.....
Other interest . . . . .	\$4,536 96	\$9,433 76	.....	.....	.....	.....	.....
Miscellaneous . . . . .	3,497 28	.....	.....	.....	.....	.....	.....
Total deductions . . . . .	\$8,334 24	\$9,423 76	.....	.....	.....	.....	.....
Net enterprise income . . . . .	\$41,841 92	\$75,981 15	\$16,573 63	\$301 52	\$2,263 40	\$2,757 46	\$5,650 26
.....	14,065 52	47,406 64	.....	.....	9,749 35	.....	.....
.....	27,895 17	58,586 10	11,948 01	.....	1,115 96	.....	3,000 00
.....	7,450 33	533,869 23	32,077 52	.....	17,620 51	5,106 25	1,091 93
.....	8,941 56	525,575 64	37,125 64	201 52	12,213 17	2,360 79	3,572 19



TABLE NO. 2—Continued.  
 ABSTRACT OF INCOME AND PROFIT AND LOSS ACCOUNTS OF WAREHOUSES, WHARFINGERS AND WATER CARRIERS OPERATING IN CALIFORNIA DURING THE YEAR  
 ENDING DECEMBER 31, 1920.

	The Union Terminal Warehouse Company	Ventura Wharf and Warehouse Company	White Flyer Line	Willows Warehouse Association	Wilmington Transportation Company	Zelbach Warehouse Company	Total
Operating revenue.....	\$127,232 61	\$151,731 12	\$210,208 79	\$32,367 23	\$820,964 44	\$10,681 54	\$32,239,844 80
Operating expenses.....	138,074 49	144,072 80	209,366 46	23,821 16	744,562 20	6,830 60	21,653,885 94
Net operating revenue.....		\$7,658 32	\$9,842 33	\$8,446 08	\$76,402 24	\$3,851 04	\$886,008 86
Net operating loss.....	\$10,861 88	107 68					
Nonoperating revenue.....	47 585 47				846 18		721,660 82
Gross corporate income.....	\$38,744 56	\$7 766 00	\$9,862 33	\$8,446 08	\$77,248 43	\$3,851 04	\$1,307,678 68
Gross corporate loss.....							
Deductions:							
Interest accrued on funded debt.....							\$339,407 01
Other interest.....	\$1 464 82	\$250 00					262,441 24
Miscellaneous.....	18,023 87	3,380 00	\$2,837 86		\$61,121 79	\$1,544 86	678,703 49
Total deductions.....	\$20,088 69	\$4,200 00	\$2,837 86	\$8,446 08	\$61,121 79	\$1,544 86	\$1,197,610 84
.....	\$16,655 80	\$9,566 00	\$7,014 65		\$16,126 63	\$2,306 18	\$110,067 84
.....		3,600 00					
.....	165 15	58	1,329 24	820 08	22,096 68		515,408 76
.....	277 72	567 00			7,444 16		303,723 91
.....	3,581 95	11,683 12		38,298 27	189,417 34		499,131 74
.....			32,906 06	47,574 43	230,196 39	3,306 18	1 173,450 24
.....	20,125 28	11,062 70	24,861 07				651,719 60
.....							







